ALPINE®

SERVICE MANUAL

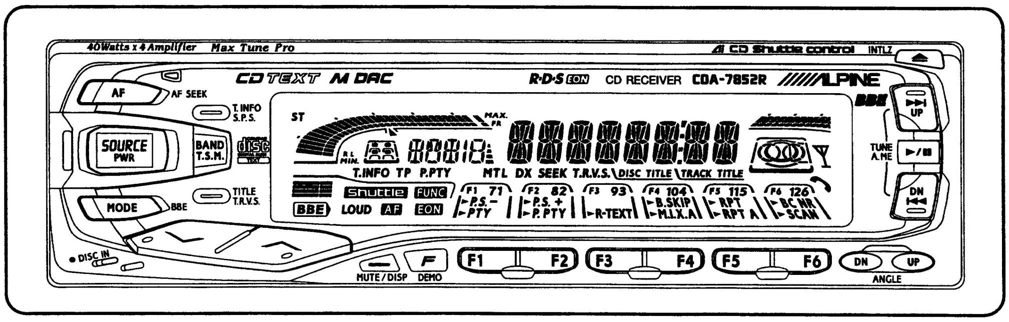
FM/MW/LW/RDS CD Receiver

CD Shuttle Controller

- The model CDA-7852R is developed from Model TDA-7572R.
- The model CDA-7850R is developed from Model TDA-7570R.

For information that is not mentioned in this service manual, refer to the Service Manual·TDA-7572R/TDA-7570R (Part No. 68E30104S01).

Caution: The part marked with ⚠ is generating a high voltage, so care will be necessary when working.


40Watts x 4 Amplifier
Max Tune Pro
CD Shuttle control
INTLZ
CD TEXT
M DAC
R·D·S EON
CD RECEIVER CDA-7852R
ALPINE
AF
AF SEEK
T.INFO S.P.S.
SOURCE PWR
BAND T.S.M.
disc
TITLE T.R.V.S.
MODE
BBE
ST
MAX.
T.INFO TP P.PTY
MTL DX SEEK T.R.V.S. DISC TITLE TRACK TITLE
Shuttle FUNC
BBE LOUD AF EON
F1 71 P.S.− PTY
F2 82 P.S.+ P.PTY
F3 93 R-TEXT
F4 104 B.SKIP M.I.X.
F5 115 RPT RPT
F6 126 BC NR SCAN
UP
TUNE A.ME
DN
DISC IN
MUTE/DISP
DEMO
F
F1 F2 F3 F4 F5 F6
DN UP
ANGLE

CDA-7852R/ CDA-7850R

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Packing Method View
Adjustment Procedures (FM/AM SECTION)
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Refer to the Service Manual • TDA-7572R (Part No. 68E30104S01).

Packing Assembly Parts List (Only Difference)

NOTE : For the parts not mentioned, refer to the Service Manual for TDA-7572R/TDA-7570R (Part No. 68E30104S01).

Model	TDA-7572R/TDA-7570R		CDA-7852R/CDA-7850R	
Symbol No.	Part No.	Description	Part No.	Description
107-1	68P21523Y46	Owner's Manual	68P21523Y34	Owner's Manual
107-2	68P21523Y47	Owner's Manual (I/G/S)	68P21523Y35	Owner's Manual (I/G/S)

Specifications (Only Difference)

NOTE : Refer to the Service Manual • TDA-7572R/ TDA- 7570R (Part No. 68E30104S01) for description not mentioned in this manual.

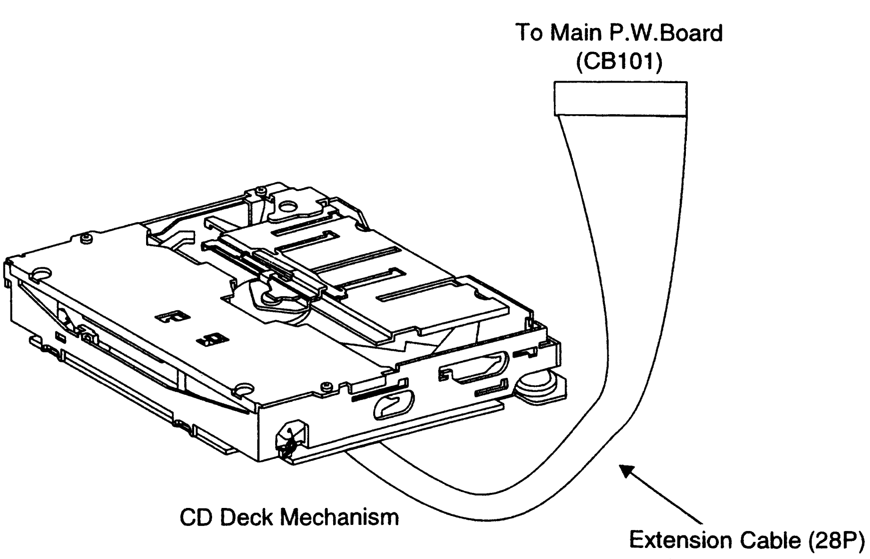
<CD SECTION>

System	Optical (Compact Disc System)
Quantizing Bit Number	16bit Linear system
Channels	2 Channels
Channel Balance (1kHz)	0±3dB
Distortion (1kHz)	0.1%
Frequency Response (Ref. 1kHz)	17Hz : 0±3dB 127Hz : 0±2dB 10.007kHz : 0±2dB 19.997kHz : 0±4dB
S/N Ratio	95dB
Separation (1kHz)	55dB
De-Emphasis (Ref. 1kHz)	4kHz : -20±3dB 16kHz : -20±3dB)

NOTE : Due to Continuing product improvement, specifications and designs are subject to change without notice.

Extension Cable

- Connect the Extension Cable between Main P.W.Board and CD Deck Mechanism as shown in below, when making terminal voltage check.



Servo Monitor

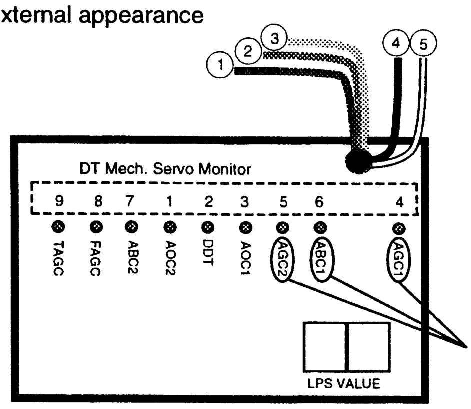
I. Purpose

In CDA-7852R/CDA-7850R employing the DP-S mechanism, a digital servo LSI performs digital signal processing. It contains external adjustmant circuits used so far and various adjustments are made automatically.

The DT Mech. Servo Monitor is a jig which judges the automatic adjustments are madeucorrectly, and performs following checks.

1. Displays whether the adjustments are made correctly.
2. Performs "Yes/No" judgement for the automatic adjustment.
3. Displays failure items with LED indications, thus making the failure analysis of the sservo circuits easy.

External appearance

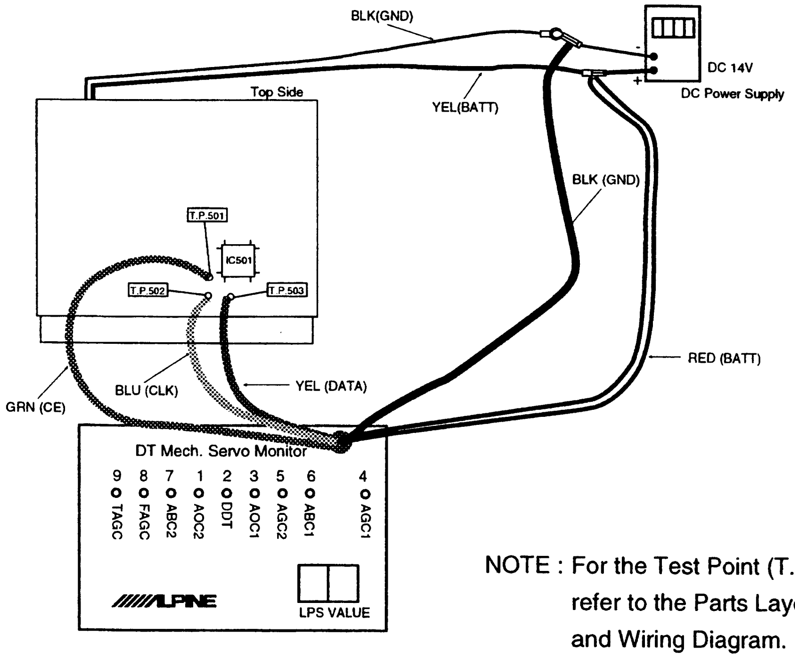

①
②
③
④
⑤
DT Mech. Servo Monitor
9 8 7 1 2 3 5 6 4
TAGC
FAGC
ABC2
AOC2
DDT
AOC1
AGC2
ABC1
AGC1
LPS VALUE

	①	②	③	④	⑤
Wire Color	Yellow	Green	Blue	Black	Red
Name	Data	Latch	Clock	Ground	Battery

※ Adjustments are not carried out in the digtal servo in this time.

* Figures in the dotted line shows an order of the automatic adjustments.

II. Connection points and connection method


BLK(GND)
Top Side
YEL(BATT)
-
+
DC 14V
DC Power Supply
T.P.501
IC501
T.P.502
T.P.503
BLK (GND)
RED (BATT)
GRN (CE)
BLU (CLK)
YEL (DATA)
DT Mech. Servo Monitor
9 8 7 1 2 3 5 6 4
TAGC
FAGC
ABC2
AOC2
DDT
AOC1
AGC2
ABC1
AGC1
ALPINE
LPS VALUE

NOTE : For the Test Point (T.P.501~503), refer to the Parts Layout on P.W.Boards and Wiring Diagram.

Connect each wire lead to the point as illustrated.

* As the test points are closely located, take sufficient care not to make a short-circuit when connecting. Moreover, when confirming the automatic adjustments after completion of the wire lead connection, always keep the set in a horizontal position. If not, correct operation may be not obtained.

III. Operation Specifications

In the automatic adjustment operations of the CDA-7852R/CDA-7850R, a main microcomputer issues commands corresponding to each adjustment item and the digital servo LSI performs the adjustments according to the commands. The servo monitor jig receives signals returned to the main microcomputer from the digital servo LSI and turns the LEDs on or off. By checking the status of the LED turned on or off, the adjustment status (completion/not completion) for each adjustment items can be confirmed.
To make the "Yes/No" judgement, following test discs are necessary.

1. A-BEX TCD-721 (4th music - 0.8mm) : Scratch test disc.
2. A-BEX TCD-782 : Signal test disc

Treatment method to the LED display

1. If LEDs other than the FAGC and TAGC turn on, perform the failure analysis with the failure analysis chart according to the LED display.
2. If only the LEDs FAGC and TAGC turn on (Focus/Tracking fine-AGC adjustment are is not completed.) , performs the focus/tracking gain adjustment, and if they are within the specification, the adjustments are normal.

i) Description of each LED

Lit : Fault Unlit : OK

Adjustment Order	LED Name	Adjustment item	Content	Adjustment Order	LED Name	Adjustment item	Content
1	AOC2	Tracking offset adjustment	Makes correction by offsetting tracking error value.	6	ABC1	Focus balance adjustment	Makes correciton so that focus error signal is balanced between positive and negative intervals. (Not Used Order)
2	DDT	Disc detection	Detects presence or absence of a disc.	7	ABC2	Tracking balance adjustment	Makes correciton by using average value of tracking error as a balance value.
3	AOC1	Focus offset adjustment	Makes correction by offsetting focus error value.	8	FAGC	Focus fine gain adjustment	Adjusts focus fine-gain within suitable value by injecting external disturbance.
4	AGC1	Focus rough gain adjustment	Determines the amount of external interference applied at the time of the focus rough gain adjustment. (Not Used Order)	9	TAGC	Tracking fine gain adjustment	Adjusts tracking fine-gain within suitable value by injecting external disturbance.
5	AGC2	Tracking rough gain adjustment	Determines the amount of external interference applied at the time of the racking rough gain adjustment. (Not Used Order)				

ii) Seven-Segument LED (LPS Value)
Not used since this model is a single CD player. Indication shows "00".

Measurement procedures

A. RF signal level measurement

Output voltage obtained by receiving the main beam returned with photo diodes and by converting the current A+B+C+D into a voltage.

1. Block diagram

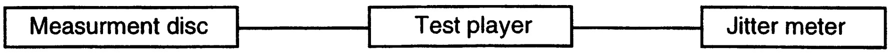
Measurement disc
Test player
Oscilloscope.

2. Measurement method
   (a) Connect GND terminal of oscilloscope to VRO (TA2122FN (○IC5102, ●IC3102), pin 21) and measure the RFO signal (TA2122FN (○IC5102, ●IC3102), pin 28).
   (b) Play back first music in the test disc A-BEX TCD-782.
   (c) Read p-p value of the waveform.
   Spec. : 1.25+0.55, -0.25V
   * If the voltage is out of specification, check TA2122FN (○IC5102, ●IC3102) / pickup.

B. Jitter measurement

Standard deviation of pulse width when triggered is rising edge of 3T component of RF signal.

1. Block diagram



2. Measurement method
   (a) Connect GND terminal of jitter meter to VRO (TA2122FN (○IC5102, ●IC3102), pin 21) and measure the RFGO signal (TA2122FN (○IC5102, ●IC3102), pin 25).
   (b) Play back first music in the measurement disc A-BEX TCD-782.
   (c) Read the indication of the jitter meter.
   Spec. : Less than 25nS
   * If out of the specification, confirm TA2122FN (○IC5102, ●IC3102) / pickup.

NOTE : ○ : For CDA-7852R Model Only, ● : For CDA-7850R Model Only, Others : Common.

C. Focus servo gain measurement

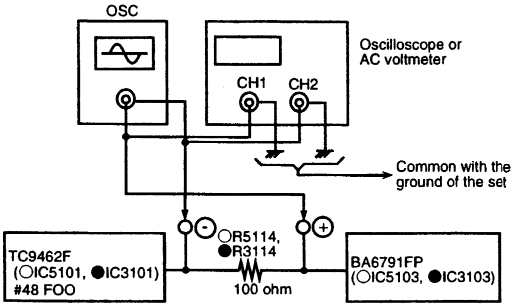
Set focus servo open loop gain to servo On. (Perform measurement under the loop closed status.)

1. Block diagram

Measurement disc ——— Test player ——— OSC + oscilloscope

2. Measurement method, using OSC and Oscilloscope.
   - (a) Connect OSC across the gain measurement resistor (100 ohms). (Servo drive side is hot.)
   - (b) Connect CH1 (hot side) of the oscilloscope to the servo driver side of the gain measurement resistor (100 ohms). (Connect the cold side to the GND side of the set.)
   - (c) Connect CH2 (hot side) of the oscilloscope to TC9462F (○IC5101, ●IC3101) side of the gain measurement resistor (100 ohms). (Connect the cold side to the GND side of the set.)
   - (d) Play back 8th section (no sound section) of the measurement disc A-BEX TCD-782.
   - (e) Feed 1.0 kHz, 200 mVp-p signal from the OSC, and compare amplitudes of CH1 and CH2 signals of the oscilloscope and convert them into a dB value.
     Gain (dB) = 20 Log (CH2/CH1)
     Spec. : within ±3dB, normal.
     * If it is out of specificaiton, TC9462F (○IC5101, ●IC3101) (digital servo LSI) will be failure.
     NOTE) AC voltmeter can be used instead of the oscilloscope.

3. Connection (Example)


OSC
CH1
CH2
Oscilloscope or
AC voltmeter
Common with the
ground of the set
○R5114,
●R3114
100 ohm
TC9462F
(○IC5101, ●IC3101)
#48 FOO
BA6791FP
(○IC5103, ●IC3103)

* FOO: Focus drive output

D. Tracking servo gain adjustment

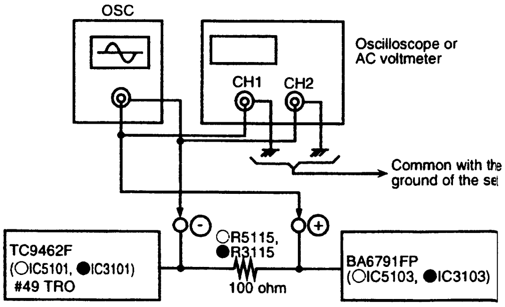
Set the tracking servo open loop gain to servo On. (Perform the measurement under the loop closed status.)

1. Block diagram

Measurement disc ——— Test player ——— OSC + oscilloscope

2. Measurement method with OSC + Oscilloscope used
   - (a) Connect the oscilloscope across the gain measurement resistor (100 ohms). (Servo driver side is hot.)
   - (b) Connect CH1 (hot side) of the oscilloscope to the servo driver side of the gain measurement resistor (100 ohms). (Connect the cold side to the GND side of the set.)
   - (c) Connect CH2 (hot side) of the oscilloscope to TC9462F (○IC5101, ●IC3101) side of the gain measurement resistor (100 ohms). (Connect the cold side to the GND side of the set.)
   - (d) Play back 8th section(no sound section) of the measurement disc A-BEX TCD-782.
   - (e) Feed 1.0 kHz, 25 mVp-p signal from the OSC, and compare amplitudes of CH1 and CH2 signals of the oscilloscope and convert them into a dB value.
     Gain (dB) = 20 log (CH2/CH1)
     Spec. : within ±3dB, normal.
     * If it is out of specificaiton, TC9462F (○IC5101, ●IC3101) (digital Servo LSI) will be failure.
     NOTE) AC voltmeter can be used instead of the oscilloscope.

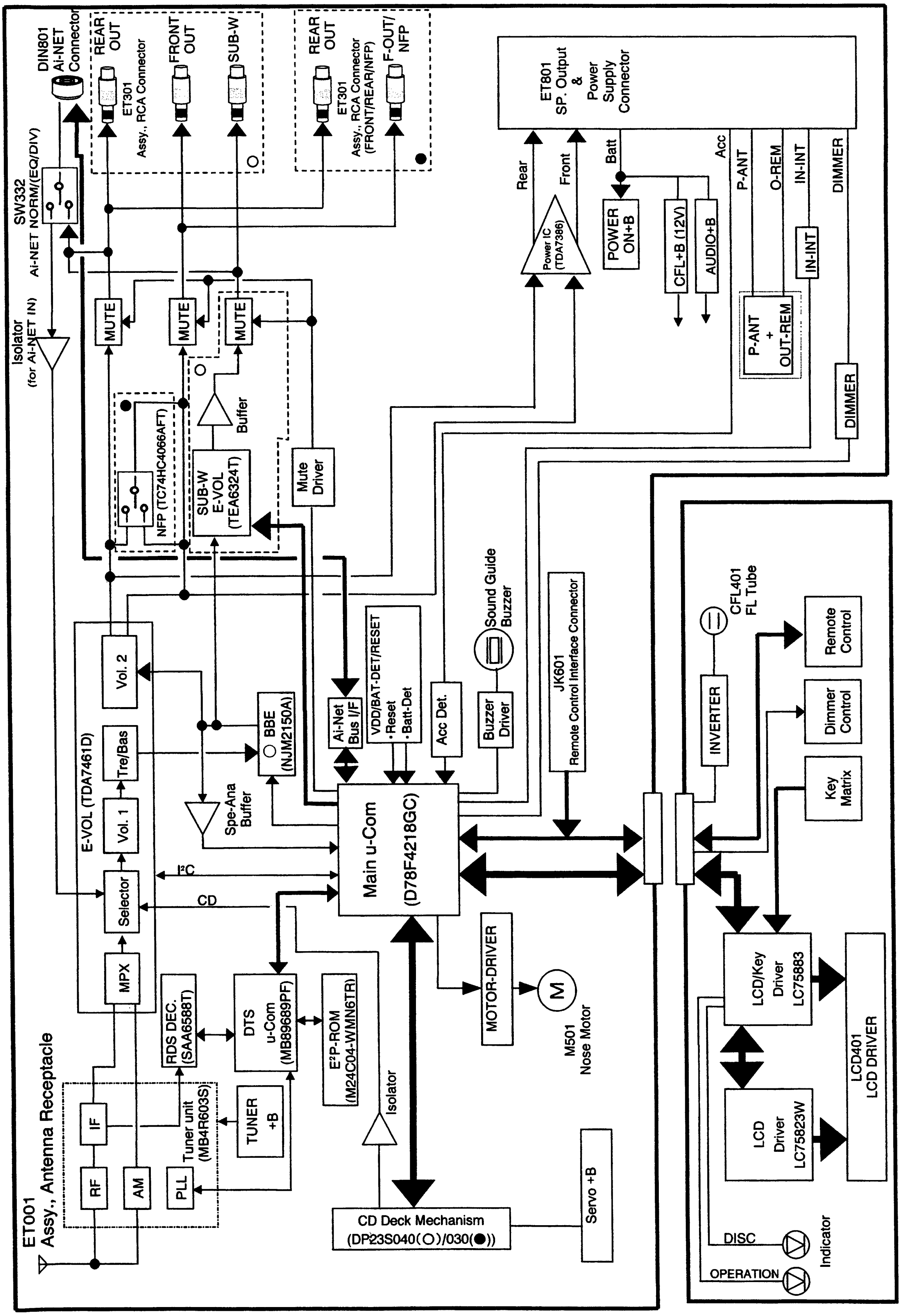
3. Connection (Example)


OSC
CH1
CH2
Oscilloscope or
AC voltmeter
Common with the
ground of the set
○R5115,
●R3115
100 ohm
TC9462F
(○IC5101, ●IC3101)
#49 TRO
BA6791FP
(○IC5103, ●IC3103)

* TRO: Tracking drive output

NOTE : ○ : For CDA-7852R Model Only, ● : For CDA-7850R Model Only, Others : Common.

Block Diagram


DIN801
Ai-NET
Connector
REAR OUT
FRONT OUT
SUB-W
ET301
Assy., RCA Connector
REAR OUT
F-OUT/NFP
ET301
Assy., RCA Connector
(FRONT/REAR/NFP)
SW332
Ai-NET NORM/(EQ/DIV)
Isolator
(for Ai-NET IN)
MUTE
MUTE
MUTE
Buffer
NFP (TC74HC4066AFT)
SUB-W
E-VOL
(TEA6324T)
Mute Driver
ET801
SP. Output
&
Power
Supply
Connector
Rear
Front
Power IC
(TDA7386)
Batt
POWER ON+B
CFL+B (12V)
AUDIO+B
Acc
P-ANT
O-REM
IN-INT
DIMMER
IN-INT
P-ANT
+
OUT-REM
DIMMER
E-VOL (TDA7461D)
Vol. 2
Tre/Bas
Vol. 1
Selector
MPX
BBE
(NJM2150A)
Spe-Ana
Buffer
Ai-Net
Bus I/F
VDD/BAT-DET/RESET
•Reset
•Batt-Det
Acc Det.
Sound Guide
Buzzer
Buzzer
Driver
JK601
Remote Control Interface Connector
Main u-Com
(D78F4218GC)
I²C
CD
RDS DEC.
(SAA6588T)
DTS
u-Com
(MB89689PF)
E²P-ROM
(M24C04-WMN6TR)
MOTOR-DRIVER
M
M501
Nose Motor
ET001
Assy., Antenna Receptacle
RF
AM
IF
PLL
Tuner unit
(MB4R603S)
TUNER
+B
Isolator
CD Deck Mechanism
(DP23S040(○)/030(●))
Servo +B
CFL401
FL Tube
INVERTER
Remote
Control
Dimmer
Control
Key
Matrix
LCD/Key
Driver
LC75883
LCD
Driver
LC75823W
LCD401
LCD DRIVER
DISC
OPERATION
Indicator

NOTE : ○ : For CDA-7852R Model Only. ● : For CDA-7850R Model Only. Others : Common.

MEMO

Parts Layout on P.W. Boards and Wiring Diagram (1/5)

1

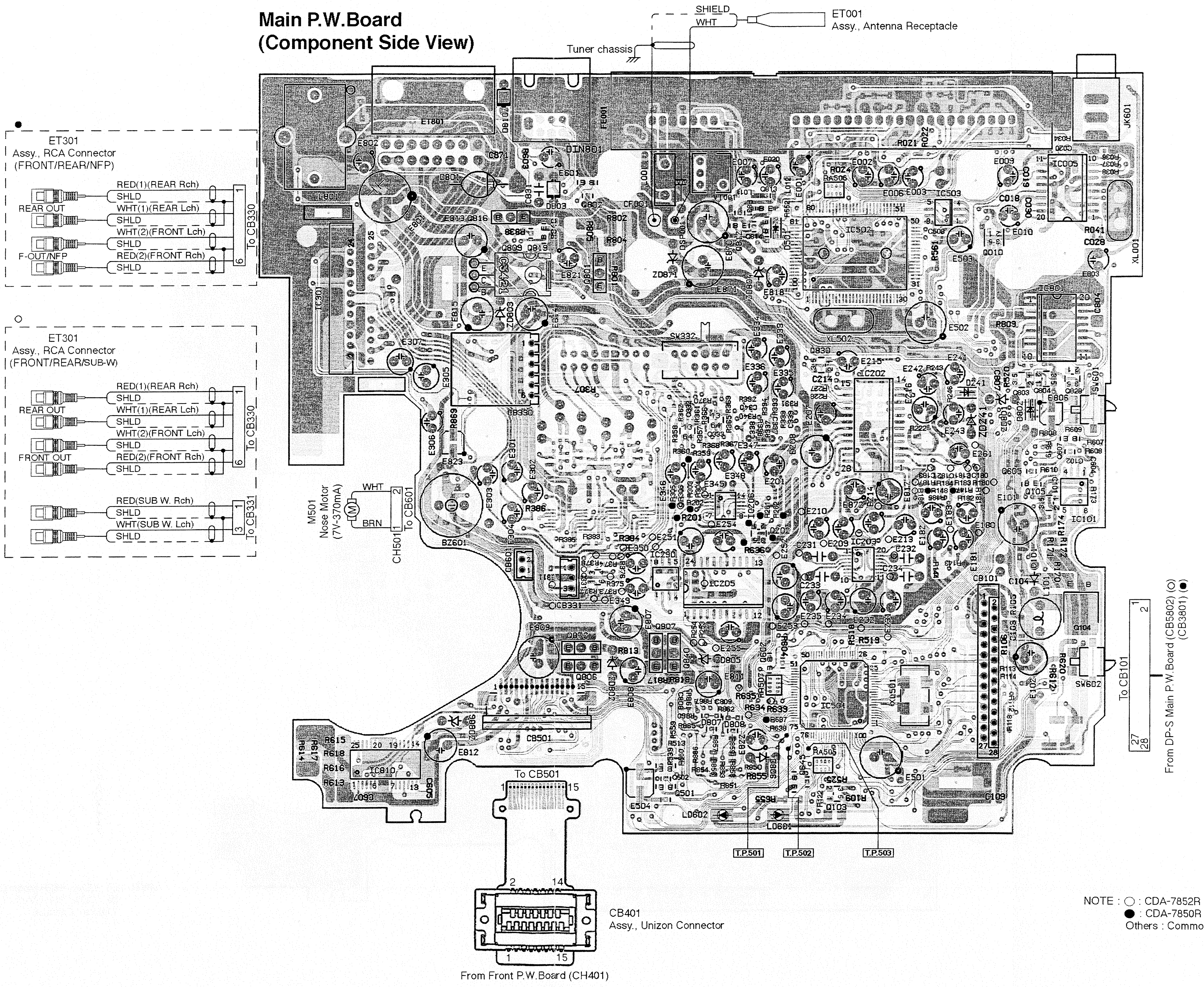
2

3

4

5

Main P.W.Board (Component Side View)



ET301
Assy., RCA Connector
(FRONT/REAR/NFP)
RED(1)(REAR Rch)
SHLD
WHT(1)(REAR Lch)
SHLD
WHT(2)(FRONT Lch)
SHLD
RED(2)(FRONT Rch)
SHLD
REAR OUT
F-OUT/NFP
To CB330
ET301
Assy., RCA Connector
(FRONT/REAR/SUB-W)
RED(1)(REAR Rch)
SHLD
WHT(1)(REAR Lch)
SHLD
WHT(2)(FRONT Lch)
SHLD
RED(2)(FRONT Rch)
SHLD
REAR OUT
FRONT OUT
To CB330
RED(SUB W. Rch)
SHLD
WHT(SUB W. Lch)
SHLD
To CB331
M501
Nose Motor
(7V-370mA)
WHT
BRN
To CB601
CH501
SHIELD
WHT
ET001
Assy., Antenna Receptacle
Tuner chassis
ET801
DIN801
FE001
JK601
XL001
IC301
IC502
IC503
IC005
IC801
IC202
IC101
IC205
IC501
IC810
SW332
SW601
SW602
BZ601
CB501
CB101
To CB101
From DP-S Main P.W.Board (CB5802) (○)
(CB3801) (●)
To CB501
CB401
Assy., Unizon Connector
From Front P.W.Board (CH401)
T.P.501
T.P.502
T.P.503
LD601
LD602

NOTE : ○ : CDA-7852R Model Only,
● : CDA-7850R Model Only,
Others : Common.

Dark Gray : Component Side Pattern
Gray : Foil Side Pattern

A | B | C | D | E | F | G |

Parts Layout on P.W. Boards and Wiring Diagram (2/5)

1

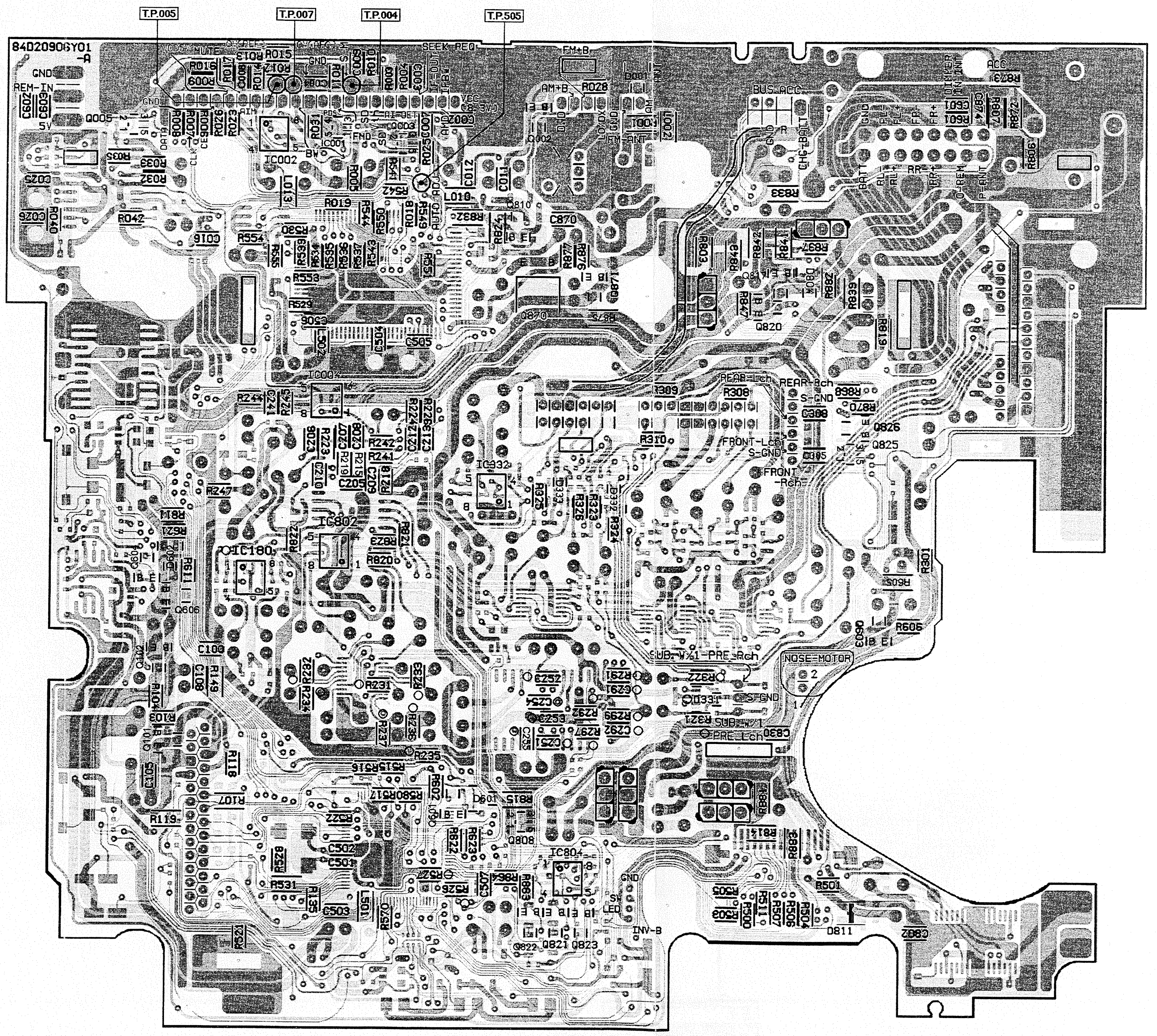
2

3

4

5

Main P.W.Board (Foil Side View)


T.P.005
T.P.007
T.P.004
T.P.505
84D2090GY01
IC002
IC004
IC180
IC802
IC332
IC804
REAR-Lch
REAR-Rch
FRONT-Lch
FRONT-Rch
S-GND
NOSE-MOTOR
SUB-W/L PRE-Rch
SUB-W/L PRE-Lch
BUS-ACC
GND
REM-IN
AM+B
FM+B
SEEK-REQ
INV-B
D811

NOTE : ○ : CDA-7852R Model Only,
● : CDA-7850R Model Only,
Others : Common.

Dark Gray : Component Side Pattern
Gray : Foil Side Pattern

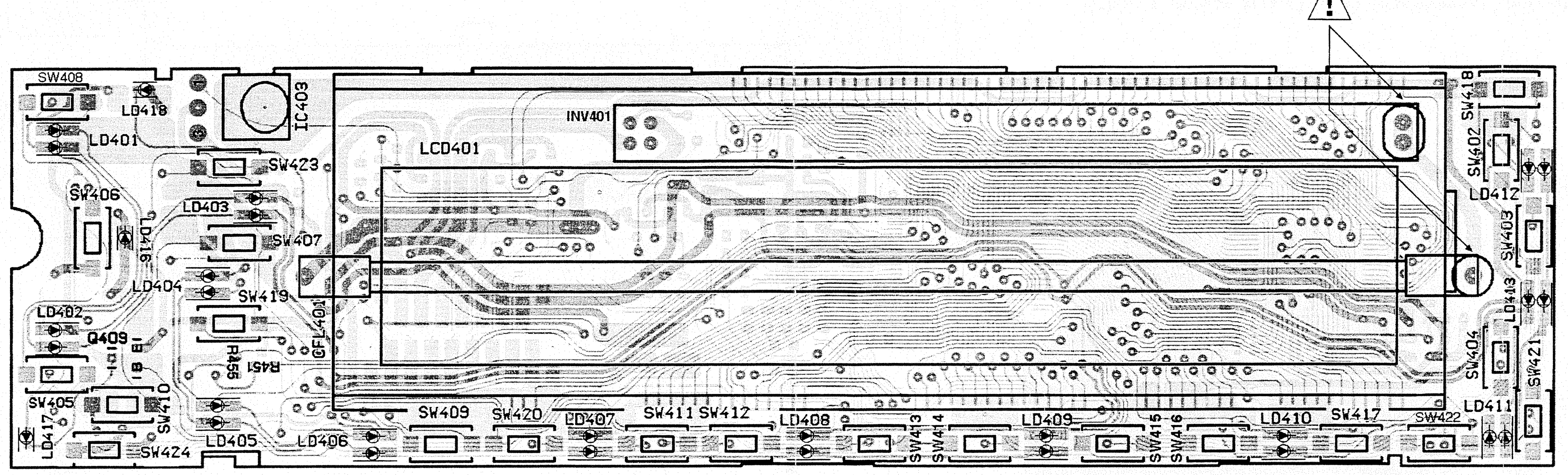
A | B | C | D | E | F | G |

Parts Layout on P.W. Boards and Wiring Diagram (3/5)

1

Caution : The part marked with ⚠ is generating a high voltage,
so care will be necessary when working.

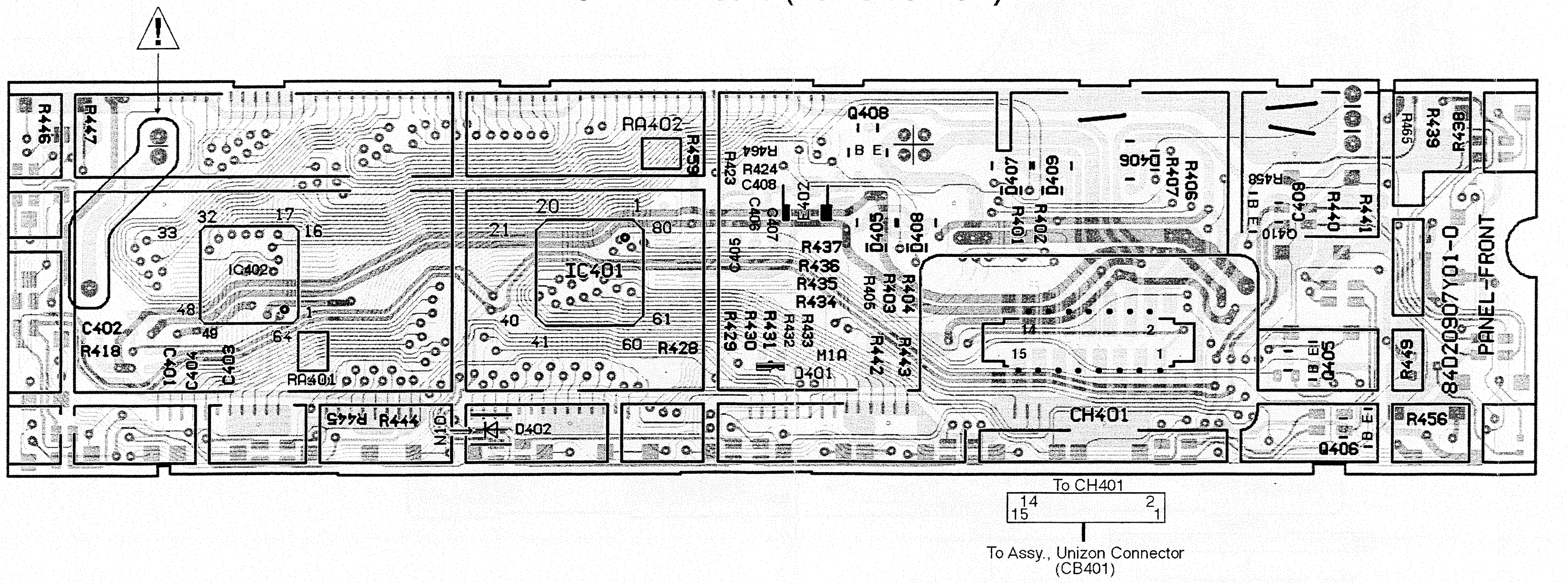
Front P.W.Board (Component Side View)


SW408
LD418
LD401
IC403
INV401
LCD401
SW423
SW406
LD403
LD416
SW407
LD404
SW419
GFL401
LD402
Q409
R455
R451
SW405
SW410
LD417
SW424
LD405
LD406
SW409
SW420
LD407
SW411
SW412
LD408
SW413
SW414
LD409
SW415
SW416
LD410
SW417
SW422
LD411
SW418
SW402
LD412
SW403
LD413
SW404
SW421

2

3

Front P.W.Board (Foil Side View)

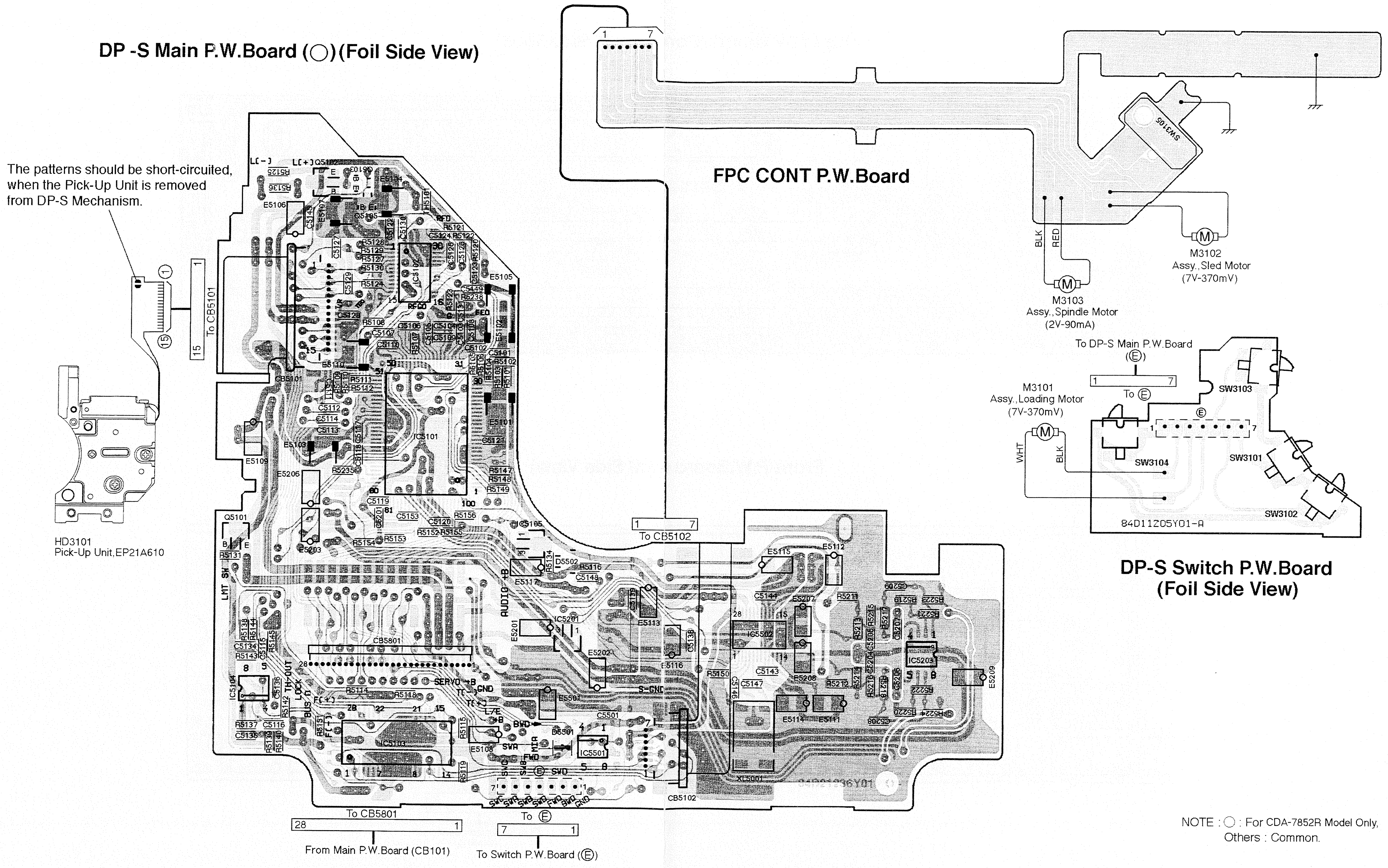

R446
R447
RA402
R459
Q408
R464
R424
R423
C408
C407
C406
D402
D403
D404
R437
R436
R435
R434
R433
R432
R431
R430
R429
M1A
D401
D405
D408
R405
R404
R403
R442
R443
D407
D409
R401
R402
D406
R407
R406
R458
R440
R441
C409
Q410
R465
R439
R438
84D20907Y01-0
PANEL-FRONT
32
33
17
16
IC402
48
49
64
1
C402
R418
C401
C404
C403
RA401
20
1
21
80
IC401
40
41
60
61
R428
15
2
1
CH401
R449
Q405
R445
R444
D410
D402
R456
Q406
To CH401
14
15
2
1
To Assy., Unizon Connector
(CB401)

4

5

Dark Gray : Component Side Pattern
Gray : Foil Side Pattern

Parts Layout on P.W. Boards and Wiring Diagram (4/5)



DP -S Main P.W.Board (○)(Foil Side View)

FPC CONT P.W.Board

DP-S Switch P.W.Board
(Foil Side View)

The patterns should be short-circuited, when the Pick-Up Unit is removed from DP-S Mechanism.

HD3101
Pick-Up Unit,EP21A610
To CB5101
1
15
CB5101
IC5101
IC5102
IC5103
IC5201
IC5202
IC5203
IC5501
CB5801
CB5102
XL5001
Q5101
Q5102
LMT SW
AUDIO +B
SERVO +B
GND
RFO
FEO
TH OUT
LOCK
BUS D
SWA
SWB
SWC
SWD
FWD
BWD
MIA
To CB5102
To CB5801
28
1
From Main P.W.Board (CB101)
To Ⓔ
7
1
To Switch P.W.Board (Ⓔ)
SW3105
BLK
RED
M3102
Assy.,Sled Motor
(7V-370mV)
M3103
Assy.,Spindle Motor
(2V-90mA)
To DP-S Main P.W.Board
(Ⓔ)
To Ⓔ
M3101
Assy.,Loading Motor
(7V-370mV)
WHT
BLK
SW3103
SW3104
SW3101
SW3102
84D11Z05Y01-A

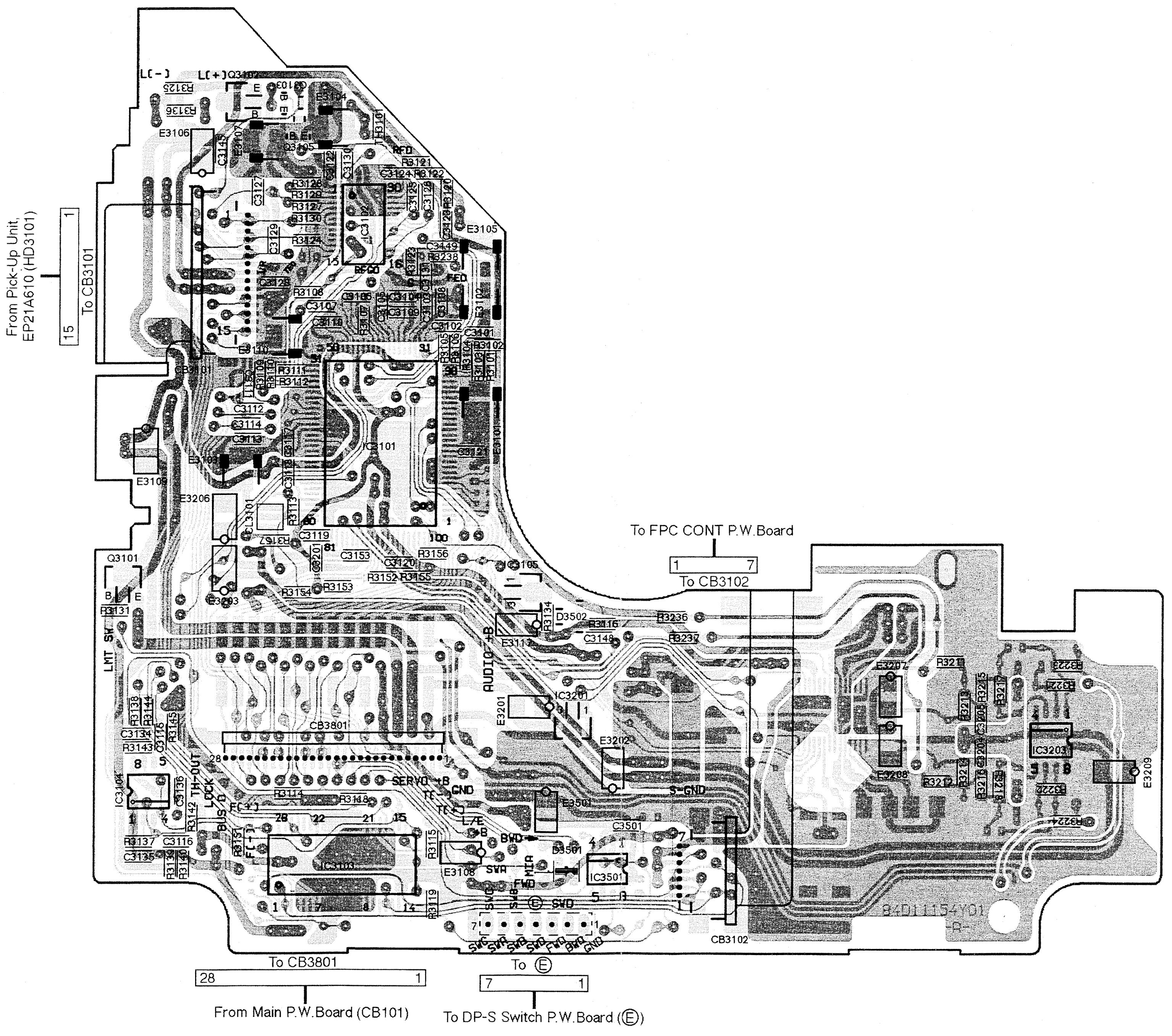
NOTE : ○ : For CDA-7852R Model Only,
Others : Common.

Dark Gray : Component Side Pattern
Gray : Foil Side Pattern

Parts Layout on P.W. Boards and Wiring Diagram (5/5)

NOTE : Refer to the Parts Layout on P.W.Boards and Wiring Diagram (4/5)
for description not mentioned in the Parts Layout on P.W.Boards
and Wiring Diagram (5/5).

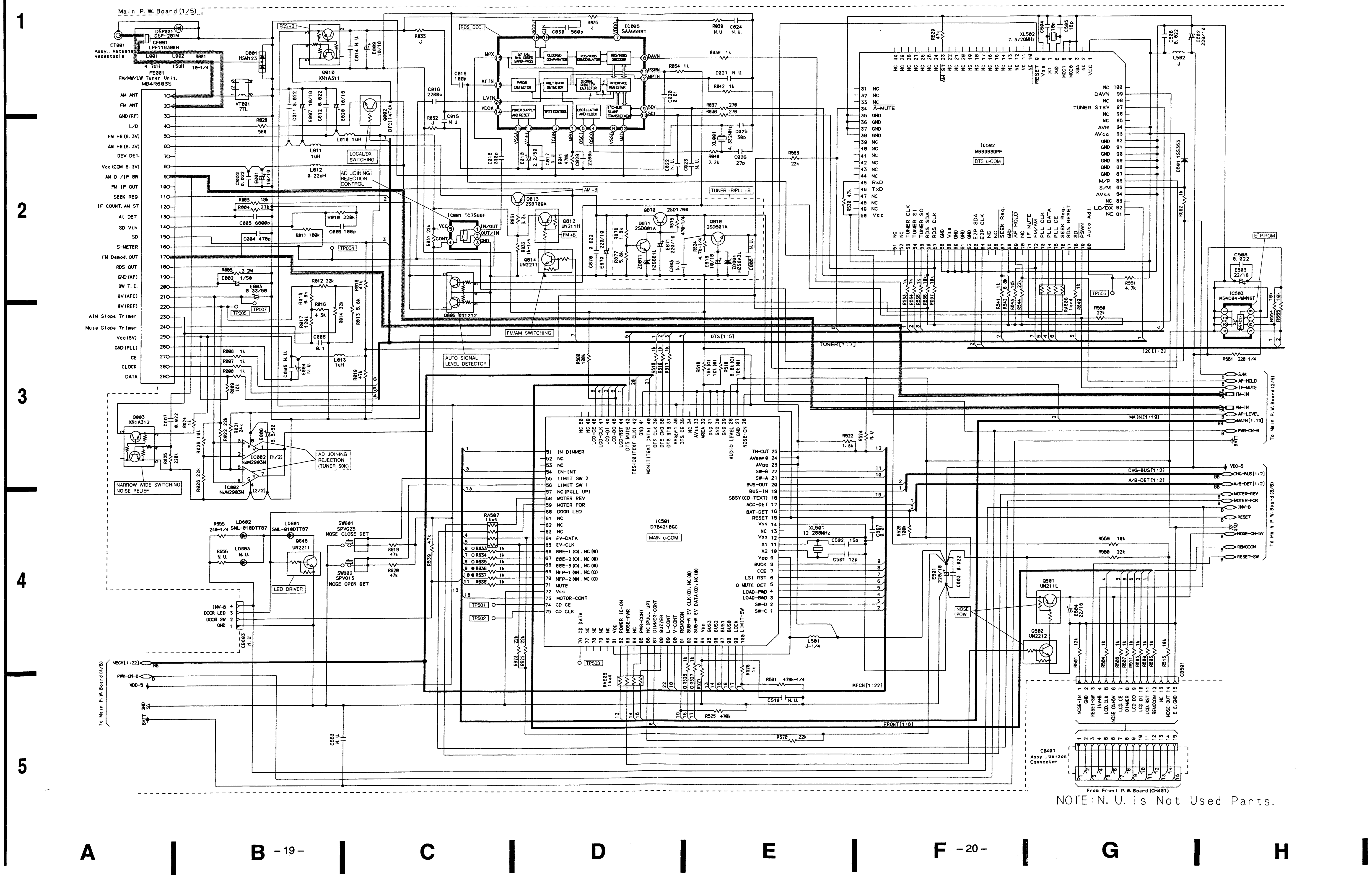
DP -S Main P.W.Board (●) (Foil Side View)


From Pick-Up Unit, EP21A610 (HD3101)
To CB3101
1
15
To FPC CONT P.W.Board
1
7
To CB3102
To CB3801
28
1
From Main P.W.Board (CB101)
To Ⓔ
7
1
To DP-S Switch P.W.Board (Ⓔ)
L(-)
L(+)
Q3102
Q3101
LMT SW
IC3101
IC3102
IC3103
IC3104
IC3201
IC3203
IC3501
CB3801
CB3102
E3105
E3106
E3109
E3206
E3201
E3202
E3208
E3209
E3108
D3501
D3502
AUDIO +B
SERVO +B
GND
S-GND
TH OUT
LOCK
BUS D
BUS C
SWA
SWB
SWC
SWD
FWD
RVD
84D11154Y01

NOTE : ● : For CDA-7850R Model Only

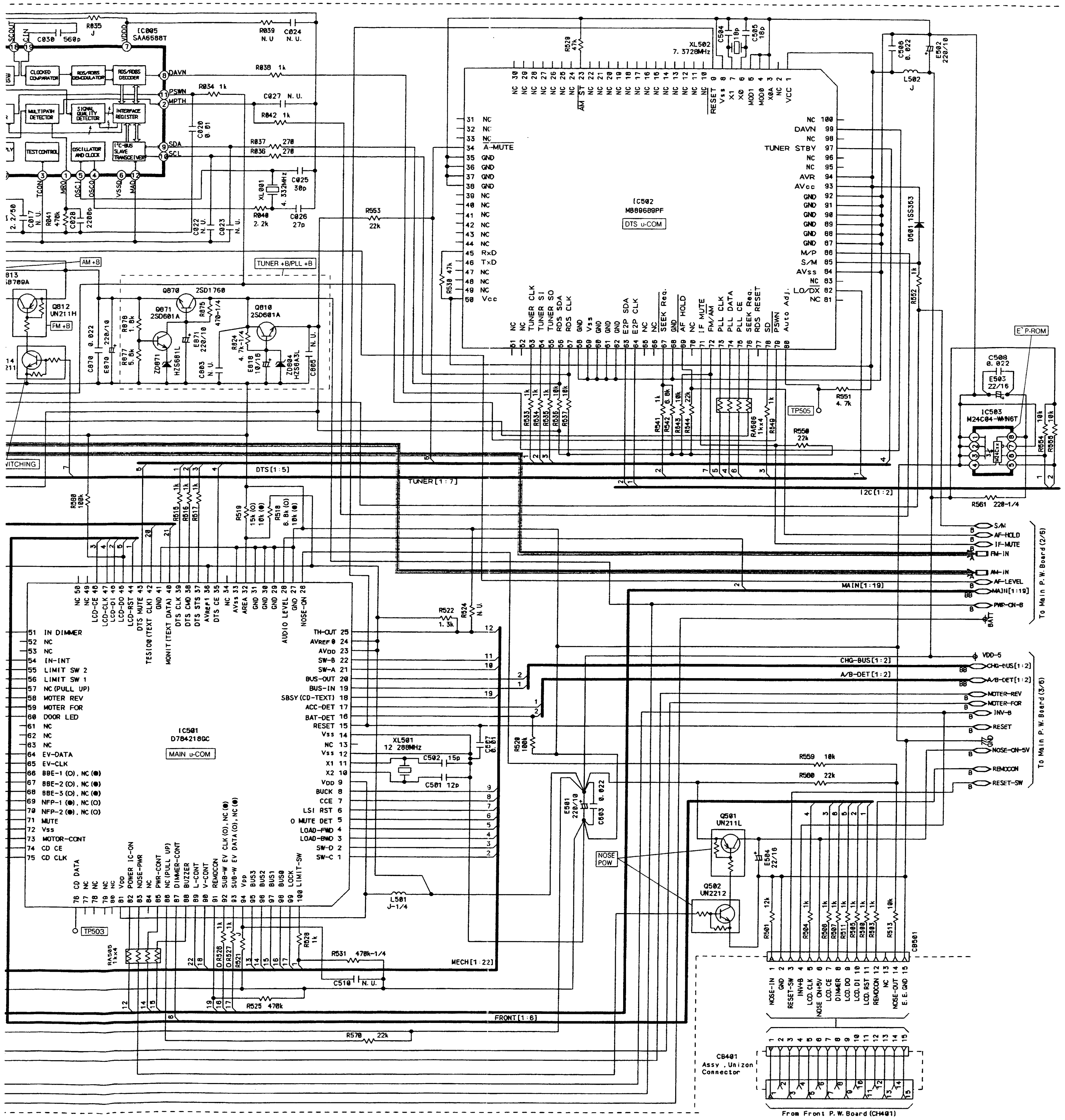
Dark Gray : Component Side Pattern
Gray : Foil Side Pattern

Schematic Diagram (1/8)



1
2
3
4
5
A
B
C
D
E
F
G
H
Main P.W. Board(1/5)
ET001 Assy., Antenna Receptacle
DSP001 DSP-201M
CF001 LPF11030KH
FE001 FM/MW/LW Tuner Unit, MB4R6035
AM ANT
FM ANT
GND (RF)
L/D
FM +B(8.3V)
AM +B(8.3V)
DEV. DET.
Vcc (COM 8.3V)
AM D /IF 8W
FM IF OUT
SEEK REQ.
IF COUNT, AM ST
AI DET
SD Vth
SD
S-METER
FM Demod. OUT
RDS OUT
GND (AF)
BW T.C.
0V(AFC)
0V(REF)
AIM Slope Trimer
Mute Slope Trimer
Vcc(5V)
GND (PLL)
CE
CLOCK
DATA
RDS +B
Q010 XN1A311
D001 HSM123
VT001 7TL
Q002 DTC114TKA
LOCAL/DX SWITCHING
AD JOINING REJECTION CONTROL
IC001 TC7S66F
Q005 XN1212
AUTO SIGNAL LEVEL DETECTOR
Q013 2SB709A
Q012 UN211H
Q014 UN2211
FM/AM SWITCHING
RDS DEC.
IC005 SAA6588T
57 kHz 8th ORDER BAND-PASS
CLOCKED COMPARATOR
RDS/RBDS DEMODULATOR
RDS/RBDS DECODER
PAUSE DETECTOR
MULTIPATH DETECTOR
SIGNAL QUALITY DETECTOR
INTERFACE REGISTER
POWER SUPPLY AND RESET
TEST CONTROL
OSCILLATOR AND CLOCK
I²C-BUS SLAVE TRANSCEIVER
TUNER +B/PLL +B
Q070 2SD1760
Q071 2SD601A
Q010 2SD601A
IC502 MB89609PF
DTS u-COM
XL502 7.3728MHz
TUNER STBY
A-MUTE
E²P-ROM
IC503 M24C04-WMN6T
DTS[1:5]
TUNER[1:7]
I2C[1:2]
Q003 XN1A312
NARROW WIDE SWITCHING NOISE RELIEF
IC002 NJM2903M
AD JOINING REJECTION (TUNER 50K)
LD602 SML-010DTT87
LD601 SML-010DTT87
LD603 N.U.
Q645 UN2211
LED DRIVER
SW601 SPVG23 NOSE CLOSE DET
SW602 SPVG13 NOSE OPEN DET
INV-B
DOOR LED
DOOR SW
GND
CN603 N.U.
IC501 D784218GC
MAIN u-COM
XL501 12.288MHz
MECH[1:22]
FRONT[1:8]
MAIN[1:19]
CHG-BUS[1:2]
A/B-DET[1:2]
Q501 UN211L
Q502 UN2212
NOSE POW
S/M
AF-HOLD
IF-MUTE
FM-IN
AM-IN
AF-LEVEL
PWR-ON-B
VDD-5
MOTER-REV
MOTER-FOR
RESET
NOSE-ON-5V
REMOCON
RESET-SW
To Main P.W. Board(2/5)
To Main P.W. Board(3/5)
To Main P.W. Board(4/5)
BATT
CN501
CN401 Assy., Unizon Connector
From Front P.W. Board(CN401)
TP501
TP502
TP503
TP504
TP505
TP507

NOTE : N. U. is Not Used Parts.


IC005 SAA6588T
IC502 DTS u-COM
IC501 D784218GC MAIN u-COM
IC503 M24C04-WMN6T
E²P-ROM
XL502 7.3728MHz
XL501 12.288MHz
XL001 4.332MHz
TUNER +B/PLL+B
AM+B
FM+B
DTS[1:5]
TUNER[1:7]
I2C[1:2]
MAIN[1:19]
CHG-BUS[1:2]
A/B-DET[1:2]
MECH[1:22]
FRONT[1:6]
To Main P.W. Board (2/6)
To Main P.W. Board (3/6)
NOSE POW
CB401 Assy. Unizon Connector
From Front P.W. Board (CH401)
TP503
TP505
Q501 UN211L
Q502 UN2212
Q810 2SD601A
Q870 2SD1760
Q871 2SD601A
Q812 UN211H
S/M
AF-HOLD
IF-MUTE
FM-IN
AM-IN
AF-LEVEL
PWR-ON-B
BATT
VDD-5
MOTER-REV
MOTER-FOR
INV-B
RESET
NOSE-ON-5V
REMOCON
RESET-SW

NOTE : N. U. is Not Used Parts.

IC001

1	5V/ 0V	POWER ON/ OFF
2~5	0V	

IC002

1	8.3V/ 0V	POWER ON/ OFF
2	3.6V/ 0V	
3	4.5V/ 0V	
4	0V	
5	6.5V/ 0V	
6	4.4V/ 0V	
7, 8	8.3V/ 0V	

IC005

1~7	0V	POWER ON
8	4.9V	
9~13	0V	
14	4.9V	
15~20	0V	

IC501

1, 2	0V/ 5V	DISC DET/ Others	52, 53		NC	
3, 4	PS		54~60		5V/ 0V	IN-INT ON/ OFF
5	0V		61~63		NC	
6	5V		64, 65		5V	
7, 8	PS		66	○	5V	
9	5V			●	NC	
10, 11	PS		67	○	0V	
12	0V			●	NC	
13	NC		68	○	5V	
14	0V			●	NC	
15	0V/ 5V	RESET ON/ OFF	69	○	5V	
16, 17	5V			●	NC	
18~20	PS		70	○	0V	
21, 22	5V/ 0V	DISK DET/ Others		●	NC	
23~25	5V		71, 72		0V	
26	2.5V		73		5V	
27	0V		74~76		0V	
28	PS		77~80		NC	
29~31	0V		81		5V	
32	3.5V		82, 83		5V/ 0V	Power ON/ OFF
33	0V		84		NC	
34	NC		85		5V/ 0V	Power ON/ OFF
35	PS		86		5V	
36	5V		87		5V/ PS	DIMMER OFF/ ON
37~39	PS		88		PS	
40	0V/ 5V	TUNER/ CD	89		0V/ 5V	DISC EJECT/ Others
41	0V		90		0V/ 5V	Power ON/ OFF
42	PS		91		PS	
43	5V/ 0V	MODE CHANGE/ Others	92, 93	○	PS	
44	5V/ 0V	DISPLAY SWITCHING/ Others		●	NC	
45~48	PS		94		0V	
49, 50	NC		95~100		PS	
51	5V/ 0V	DIMMER OFF/ ON				

IC502

1	5V		69	5V/ 0V	POWER ON/ OFF
2	NC		70	NC	
3~5	0V		71, 72	5V/ 0V	POWER ON/ OFF
6, 7	PS		73~75	PS	
8	0V		76	5V/ 0V	POWER ON/ OFF
9	5V/ 0V	POWER ON/ OFF	77	NC	
10~22	NC		78, 79	5V/ 0V	POWER ON/ OFF
23	0V		80	5V	
24~33	NC		81	NC	
34	5V/ 0V	POWER ON/ OFF	82	5V/ 0V	POWER ON/ OFF
35~38	0V		83	NC	
39~44	NC		84	0V	
45, 46	PS		85	SIGNAL	
47~49	NC		86	5V/ 0V	POWER ON/ OFF
50	5V		87~92	0V	
51, 52	NC		93, 94	5V	
53~57	PS		95, 96	NC	
58~62	0V		97	5V/ 0V	POWER ON/ OFF
63, 64	PS		98	NC	
65, 66	NC		99	5V/ 0V	POWER ON/ OFF
67	5V/ 0V	POWER ON/ OFF	100	NC	
68	0V				

IC503

1~4	0V
5, 6	5V
7	0V
8	5V

	E	C	B	MODE
Q002	0V	8.4V	0V	LO → DX
Q501	5V/ 5V	5V/ 0V	0V/ 5V	NOSE ON/ OFF
Q502	0V	5V/ 0V	5V/ 0V	NOSE ON/ OFF
Q645	0V	5.7V	5V	Close
Q810	5V/ 0V	12.6V/ 0V	5.6V/ 0V	POWER ON/ OFF
Q812	8.4V/ 8.4V	8.3V/ 0V	0V/ 8.4V	FM/ AM
Q813	8.4V/ 8.4V	0V/ 8.2V	8.3V/ 7.6V	FM/ AM
Q814	0V	0V/ 8.4V	2.8V/ 0V	FM/ AM
Q870	8.4V/ 0V	12.6V/ 0V	9V/ 0V	POWER ON/ OFF
Q871	5.7V/ 0V	9V/ 0V	6.3V/ 0V	POWER ON/ OFF

	1	2	3	4	5	MODE
Q003	NC	0V	5V	0V	0V	POWER ON
Q005	0V	0V	0V	0V	5V	SEEK ON
Q010	NC	5V/ 0V	5V/ 5V	8.4V/ 0V	0V	POWER ON/ OFF

<Measuring Conditions>

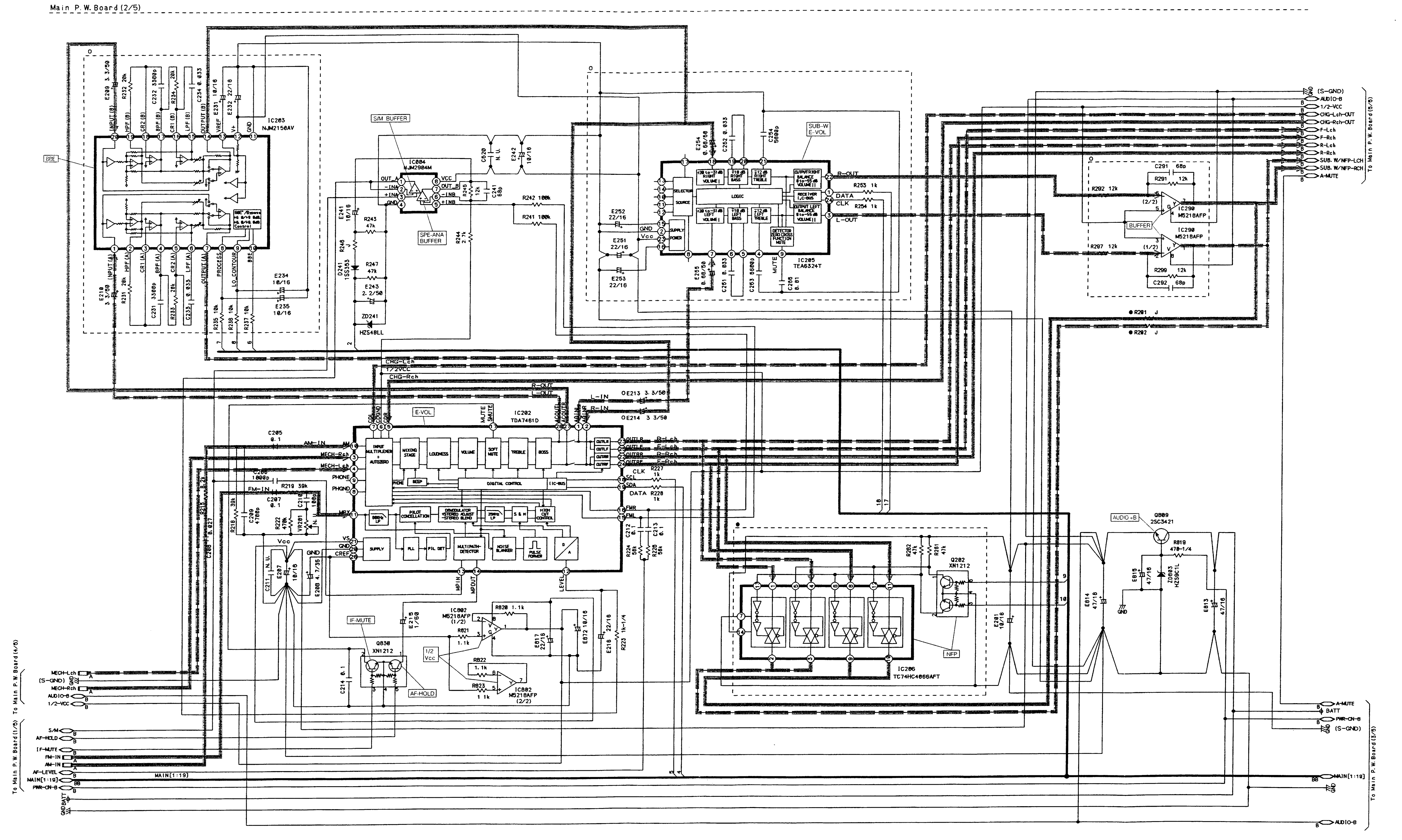
1. Power Supply Voltage	: DC14.4V
2. Measuring Meter	: Digital Multi Meter
3. Measuring Point Reference	: Between Ground
4. Measuring Conditions	: No Signal Input
	FM : 98.1MHz
	AM : 999kHz (MW)
	CD : CD Play

NOTE: ○ : For CDA-7852R Model Only,
● : For CDA-7850R Model Only,
Others : Common.

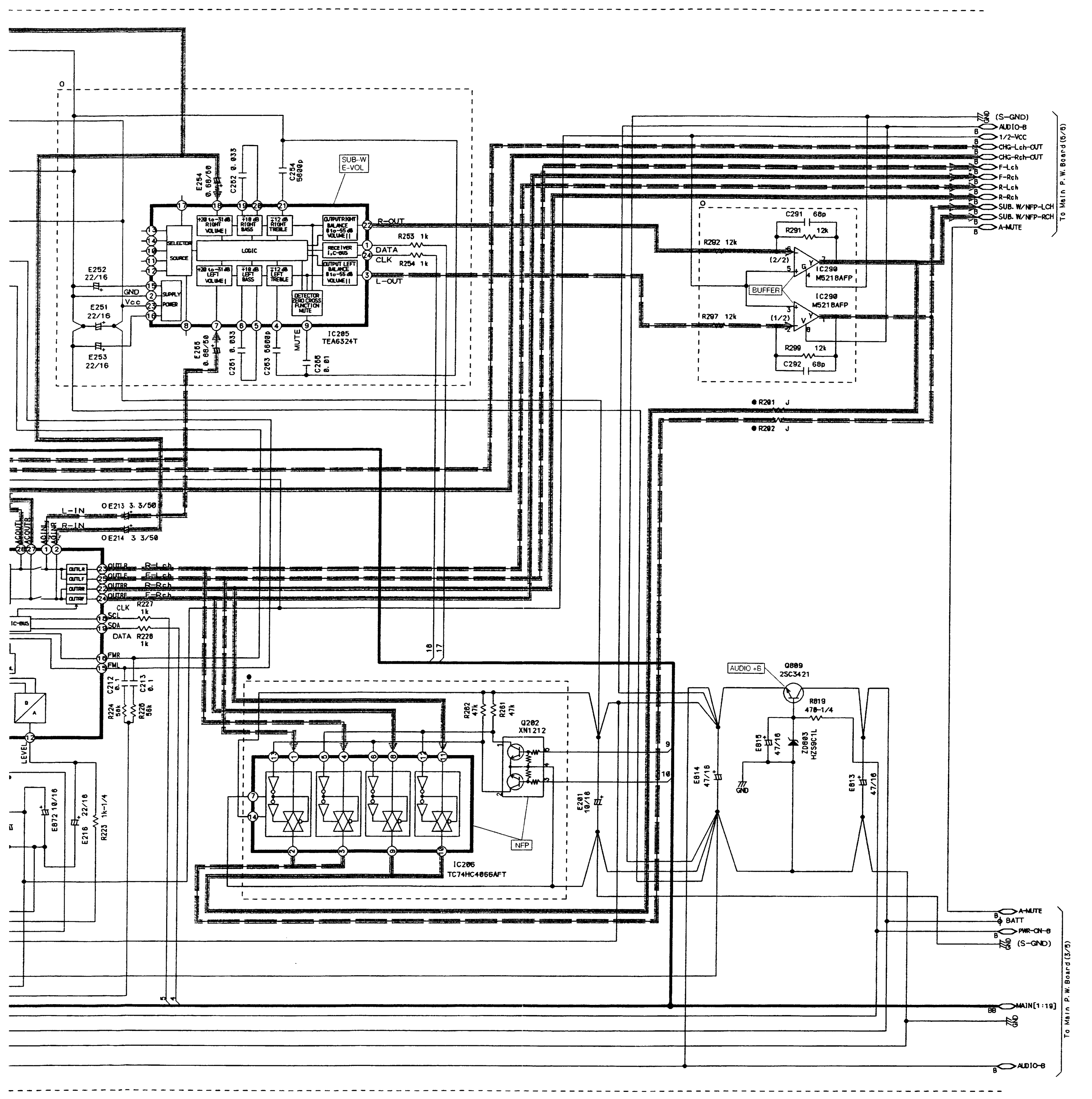
NOTE:

1. All resistance values are in ohms. K = 1,000
2. All capacitance values are in microfarads. $P = \frac{1}{1,000,000}$

Schematic Diagram (2/8)


Main P. W. Board (2/5)
1
2
3
4
5
IC203
NJM2150AV
BBE
INPUT(B)
HPF(B)
BPF(B)
CR2(B)
CR1(B)
LPF(B)
OUTPUT(B)
VREF
V+
GND
INPUT(A)
HPF(A)
CR1(A)
BPF(A)
CR2(A)
LPF(A)
OUTPUT(A)
PROCESS
LO CONTOUR
BBE
E209 3.3/50
R232 20k
C232 3300p
R234 20k
C234 0.033
E231 10/16
E232 22/16
E210 3.3/50
R231 20k
C231 3300p
R233 20k
C233 0.033
E234 10/16
E235 10/16
R235 10k
R236 10k
R237 10k
S/M BUFFER
IC004
NJM2904M
SPE-ANA BUFFER
OUT A
-INA
+INA
GND
VCC
OUT B
-INB
+INB
C030 N.U.
E242 10/16
R245 12k
C241 68p
R242 100k
R241 100k
R244 2.7k
E241 10/16
R243 47k
R246 12k
D241 1SS355
R247 47k
E243 2.2/50
ZD241 HZS4BLL
SUB-W E-VOL
IC205
TEA6324T
E254 0.68/50
C252 0.033
C254 5600p
SELECTOR
SOURCE
LOGIC
SUPPLY
POWER
OUTPUT RIGHT BALANCE
RECEIVER I2C-BUS
OUTPUT LEFT BALANCE
DETECTOR ZERO CROSS FUNCTION MUTE
R-OUT
DATA
CLK
L-OUT
R253 1k
R254 1k
E252 22/16
E251 22/16
E253 22/16
GND
Vcc
E255 0.68/50
C251 0.033
C253 5600p
MUTE
C255 0.01
C291 68p
R291 12k
R292 12k
BUFFER
IC290
M5218AFP
(2/2)
(1/2)
R297 12k
R299 12k
C292 68p
R201 J
R202 J
(S-GND)
AUDIO-B
1/2-VCC
CHG-Lch-OUT
CHG-Rch-OUT
F-Lch
F-Rch
R-Lch
R-Rch
SUB.W/NFP-LCH
SUB.W/NFP-RCH
A-MUTE
To Main P.W.Board (5/5)
CHG-Lch
1/2VCC
CHG-Rch
R-OUT
L-OUT
E-VOL
IC202
TDA7461D
MUTE
SMUTE
L-IN
R-IN
OE213 3.3/50
OE214 3.3/50
C205 0.1
AM-IN
MECH-Rch
MECH-Lch
PHONE
PHGND
C206 1000p
FM-IN
R219 39k
C207 0.1
MPX
R218 39k
C209 4700p
R222 470k
VR201 47k
C210 100p
C208 0.027
INPUT MULTIPLEXER + AUTOZERO
MIXING STAGE
LOUDNESS
VOLUME
SOFT MUTE
TREBLE
BASS
DIGITAL CONTROL
I2C-BUS
PILOT CANCELLATION
DEMODULATOR +STEREO ADJUST +STEREO BLEND
S & H
HIGH CUT CONTROL
SUPPLY
PLL
PIL DET
MULTIPATH-DETECTOR
NOISE BLANKER
PULSE FORMER
D/A
OUTLR
OUTLF
OUTRR
OUTRF
R-Lch
F-Lch
R-Rch
F-Rch
CLK
SCL
SDA
DATA
R227 1k
R228 1k
FMR
FML
C212 0.1
C213 0.1
R224 56k
R225 56k
Vcc
GND
VS
CREF
C211 N.U.
E207 10/16
E208 4.7/35
MPIN
MPOUT
LEVEL
IF-MUTE
E215 1/60
IC802
M5218AFP
(1/2)
R820 1.1k
R821 1.1k
1/2 Vcc
R822 1.1k
R823 1k
IC802
M5218AFP
(2/2)
E817 22/16
E812 10/16
E216 22/16
R223 1k-1/4
Q830
XN1212
AF-HOLD
C214 0.1
R282 47k
R281 47k
Q202
XN1212
IC206
TC74HC4066AFT
NFP
E201 10/16
AUDIO-B
Q809
2SC3421
R819 470-1/4
E815 47/16
ZD803 HZS9C1L
E814 47/16
E813 47/16
MECH-Lch
(S-GND)
MECH-Rch
AUDIO-B
1/2-VCC
To Main P.W.Board (4/5)
S/M
AF-HOLD
IF-MUTE
FM-IN
AM-IN
AF-LEVEL
MAIN[1:19]
PWR-ON-B
GND
BATT
To Main P.W.Board (1/5)
A-MUTE
BATT
PWR-ON-B
(S-GND)
MAIN[1:19]
GND
AUDIO-B
To Main P.W.Board (3/5)
A
B
C
D
E
F
G
H

NOTE: N. U. is Not Used Parts.


SUB-W
E-VOL
E254 0.68/50
C262 0.033
C254 5600p
17
18
19
20
21
13
14
10
11
12
15
2
23
16
8
7
6
5
4
9
22
1
24
3
SELECTOR
SOURCE
SUPPLY
POWER
LOGIC
+20 to -31 dB RIGHT VOLUME I
∓18 dB RIGHT BASS
∓12 dB RIGHT TREBLE
+20 to -31 dB LEFT VOLUME I
∓18 dB LEFT BASS
∓12 dB LEFT TREBLE
OUTPUT RIGHT BALANCE 0 to -55 dB VOLUME II
RECEIVER I₂C-BUS
OUTPUT LEFT BALANCE 0 to -55 dB VOLUME II
DETECTOR ZERO CROSS FUNCTION MUTE
R-OUT
DATA
CLK
L-OUT
R253 1k
R254 1k
IC205
TEA6324T
E252 22/16
E251 22/16
E253 22/16
GND
Vcc
E255 0.68/50
C261 0.033
C263 5600p
MUTE
C265 0.01
C291 68p
R291 12k
R292 12k
(2/2)
IC290
M5218AFP
BUFFER
R297 12k
(1/2)
C292 68p
R299 12k
● R201 J
● R202 J
(S-GND)
AUDIO-B
1/2-VCC
CHG-Lch-OUT
CHG-Rch-OUT
F-Lch
F-Rch
R-Lch
R-Rch
SUB. W/NFP-LCH
SUB. W/NFP-RCH
A-MUTE
To Main P. W. Board (5/5)
L-IN
R-IN
OE213 3.3/50
OE214 3 3/50
ACOUTL
ACOUTR
ACINL
ACINR
28
27
OUTLR
OUTLF
OUTRR
OUTRF
R-Lch
F-Lch
R-Rch
F-Rch
CLK
R227 1k
SCL
SDA
DATA
R228 1k
IC-BUS
FMR
FML
C212 0.1
C213 0.1
R224 56k
R220 56k
D
A
LEVEL
E872 10/16
E216 22/16
R223 1k-1/4
16
17
R262 47k
R261 47k
Q202
XN1212
NFP
IC206
TC74HC4066AFT
E201 10/16
AUDIO +B
Q809
2SC3421
R819 470-1/4
E815 47/16
ZD803
HZS9C1L
GND
E814 47/16
E813 47/16
A-MUTE
BATT
PWR-ON-B
(S-GND)
MAIN[1:19]
AUDIO-B
To Main P. W. Board (3/5)

NOTE : N. U. is Not Used Parts.

IC004

1~4	0V	POWER ON/ OFF
5~7	4.4V/ 0V	
8	8.8V/ 0V	

IC202

1	○	0V	POWER ON	12~14	0V	POWER ON
	●	NC		15~17	4.4V	
2	○	4.4V	POWER ON	18	0V	
	●	NC		19	5V	
3, 4	4.4V		POWER ON	20	0V	
5, 6	0V			21	8.8V	
7	4.4V			22~25	3.7V	
8, 9	NC			26~28	4.4V	
10, 11	4.4V		POWER ON			

○ IC203

1~7	4.4V/ 4.4V	BBE ON/ OFF
8	0V	
9, 10	4.6V/ 0V	
11	0V	
12	8.7V	
13	4.3V/ 4.4V	
14~20	4.4V/ 4.4V	

○ IC205

1	5V	POWER ON	16	4.4V	POWER ON
2	0V		17	NC	
3~7	4.4V		18~20	4.4V	
8	NC		21	0V	
9	8.8V		22	4.4V	
10~14	NC		23	8.8V	
15	8.7V		24	5V	

● IC206

1~4	3.8V
5	0V
6	8.8V
7	0V
8~11	3.8V
12	0V
13, 14	8.8V

○ IC290

1~3	4.4V/ 0V
4	0V
5~7	4.4V/ 0V
8	8.8V/ 0V

IC802

1~3	4.4V/ 0V	POWER ON/ OFF
4	0V	
5~7	4.4V/ 0V	
8	8.8V/ 0V	

Q830

1	5V/ 0V	POWER ON/ OFF
2	1V	MODE CHANGE
3	2.7V/ 0V	POWER ON/ OFF
4, 5	0V	

	E	C	B	MODE
Q809	8.7V/ 0V	12.6V/ 12.7V	9.4V/ 0V	POWER ON/ OFF

	1	2	3	4	5	MODE
● Q202	8.8V	0V	5V	0V	0V	NFP ON

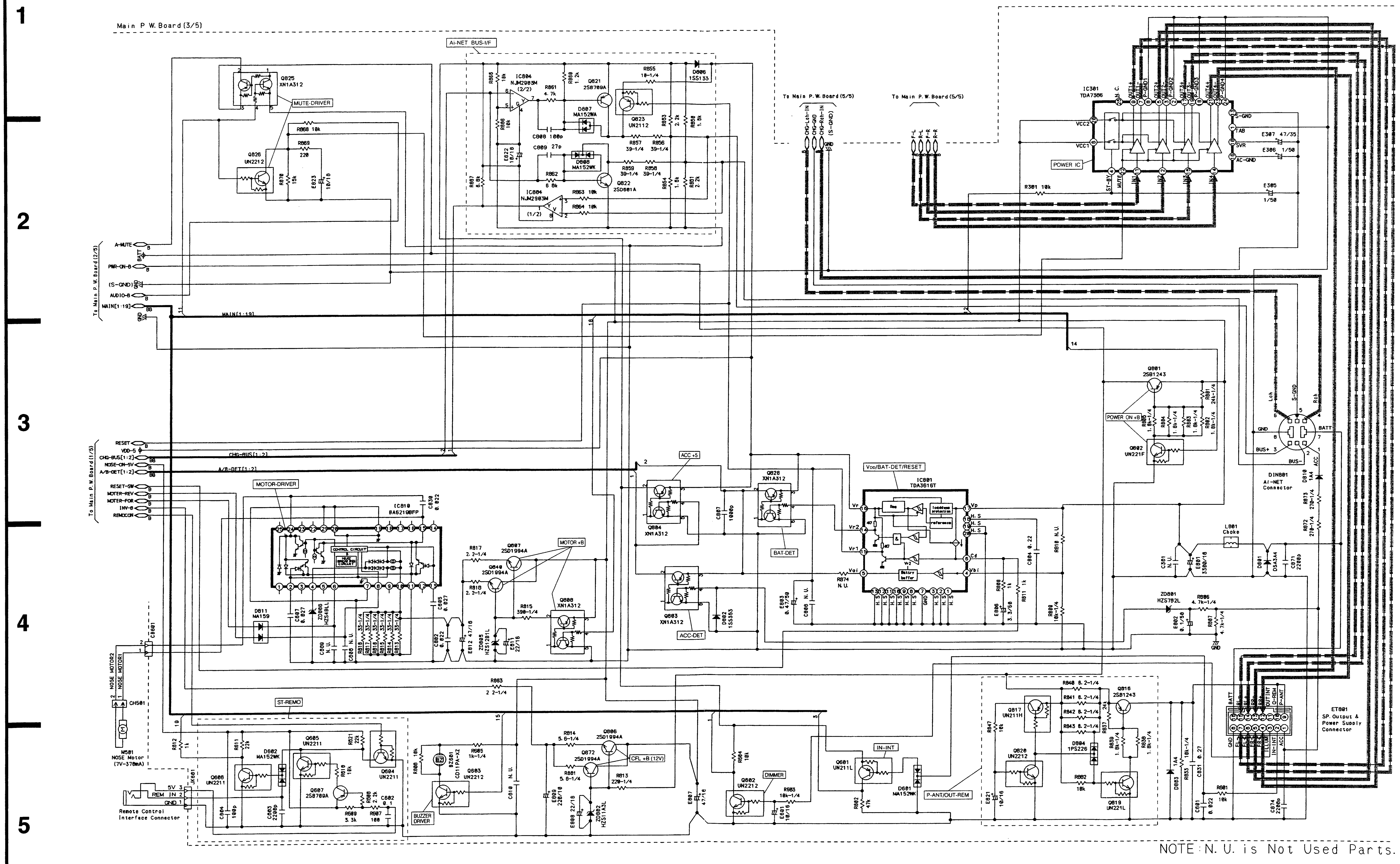
<Measuring Conditions>

1. Power Supply Voltage	:	DC14.4V
2. Measuring Meter	:	Digital Multi Meter
3. Measuring Point Reference	:	Between Ground
4. Measuring Conditions	:	No Signal Input
		FM : 98.1MHz
		AM : 999kHz (MW)
		CD : CD Play

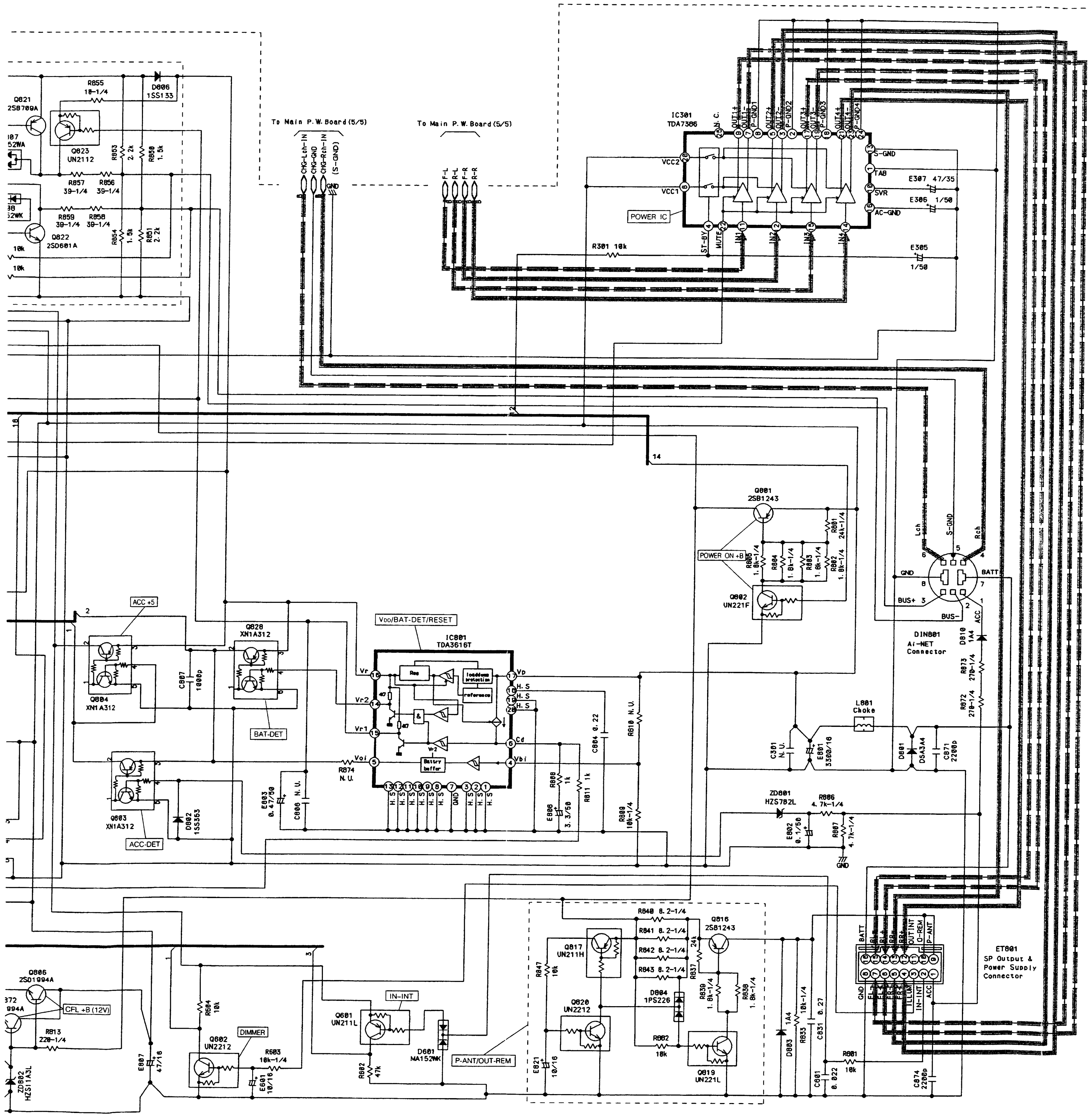
NOTE: ○ : For CDA-7852R Model Only,
● : For CDA-7850R Model Only,
Others : Common.

NOTE:
1. All resistance values are in ohms. K = 1,000
2. All capacitance values are in microfarads. P = $\frac{1}{1{,}000{,}000}$

Schematic Diagram (3/8)


1
2
3
4
5
Main P.W. Board (3/5)
Ai-NET BUS-I/F
Q825 XN1A312
MUTE-DRIVER
Q826 UN2212
R868 10k
R869 220
R870 15k
E823 10/16
IC804 NJM2903M (2/2)
IC804 NJM2903M (1/2)
R861 4.7k
R860 1.2k
R865 10k
R866 10k
R867 6.8k
R862 6.8k
R863 10k
R864 10k
C808 100p
C809 27p
E822 10/16
Q821 2SB709A
Q823 UN2112
Q822 2SD601A
D807 MA152WA
D808 MA152WK
R855 10-1/4
D806 1SS133
R857 39-1/4
R856 39-1/4
R859 39-1/4
R858 39-1/4
R853 2.2k
R850 1.8k
R854 1.0k
R851 2.2k
To Main P.W. Board (5/5)
CHG-Lch-IN
CHG-GND
CHG-Rch-IN
(S-GND)
GND
F-L
R-L
F-R
R-R
IC301 TDA7386
N.C.
OUT1+
OUT1-
P-GND1
OUT2+
OUT2-
P-GND2
OUT3+
OUT3-
P-GND3
OUT4+
OUT4-
P-GND4
S-GND
TAB
SVR
AC-GND
VCC2
VCC1
POWER IC
ST-BY
MUTE
IN1
IN2
IN3
IN4
E307 47/35
E306 1/50
E305 1/50
R301 10k
To Main P.W. Board (2/5)
A-MUTE
BATT
PWR-ON-B
(S-GND)
AUDIO-B
MAIN[1:19]
GND
MAIN[1:19]
To Main P.W. Board (1/5)
RESET
VDD-5
CHG-BUS[1:2]
NOSE-ON-5V
A/B-DET[1:2]
CHG-BUS[1:2]
A/B-DET[1:2]
RESET-SW
MOTER-REV
MOTER-FOR
INV-B
REMOCON
MOTOR-DRIVER
IC810 BA6219BFP
C830 0.022
CONTROL CIRCUIT
D811 MA159
C807 0.027
ZD806 HZS6BL
C809 N.U.
C806 N.U.
R810 R815 R814 R813 35-1/4
C805 0.027
C802 0.022
E812 47/16
ZD805 HZS12B1L
E811 22/16
R817 2.2-1/4
R818 2.2-1/4
Q807 2SD1994A
Q840 2SD1994A
R815 390-1/4
MOTOR +B
Q808 XN1A312
ACC +5
Q804 XN1A312
C807 1000p
Q803 XN1A312
D802 1SS355
ACC-DET
Q828 XN1A312
BAT-DET
Voo/BAT-DET/RESET
IC801 TDA3616T
Vr
Vr2
Vr1
Voi
Vp
H.S
Cd
Vbi
GND
Reg
Battry buffer
reference
R874 N.U.
E803 0.47/50
C806 N.U.
E806 3.3/50
R808 1k
R811 1k
C804 0.22
R810 N.U.
R809 10k-1/4
Q801 2SB1243
R801 24k-1/4
R805 1.8k-1/4
R804 1.8k-1/4
R803 1.8k-1/4
R802 1.8k-1/4
POWER ON +B
Q802 UN221F
L801 Choke
C801 N.U.
E801 3300/16
D801 DSA3A4
C871 2200p
ZD801 HZS7B2L
R806 4.7k-1/4
E802 0.1/50
R807 4.7k-1/4
Lch
S-GND
Rch
GND
BATT
BUS+
BUS-
ACC
DIN801 Ai-NET Connector
D810 1A4
R873 270-1/4
R872 270-1/4
CB801
NOSE MOTOR2
NOSE MOTOR1
CH501
M501 NOSE Motor (7V-370mA)
R883 2.2-1/4
ST-REMO
R812 1k
R811 22k
D602 MA152WK
Q605 UN2211
R621 22k
Q604 UN2211
R610 10k
Q607 2SB709A
R608 2.2k
R609 3.3k
R607 100
C602 0.1
Q606 UN2211
C604 100p
C603 2200p
JK601
5V 3
REM IN 2
GND 1
Remote Control Interface Connector
R888 10k
BZ601 CD11PA-X2
R605 1k-1/4
Q603 UN2212
BUZZER DRIVER
C610 N.U.
R814 5.6-1/4
Q806 2SD1994A
Q872 2SD1994A
CFL +B (12V)
R881 5.6-1/4
R813 220-1/4
E809 220/16
E808 22/16
ZD802 HZS11A3L
E807 47/16
R804 10k
Q602 UN2212
DIMMER
R603 10k-1/4
E601 10/16
IN-INT
Q601 UN211L
R802 47k
D601 MA152WK
P-ANT/OUT-REM
E821 10/16
R847 10k
Q817 UN211H
R840 8.2-1/4
R841 8.2-1/4
R842 8.2-1/4
R843 8.2-1/4
Q816 2SB1243
R837 24k
Q820 UN2212
D804 1PS226
R839 1.8k-1/4
R836 1.8k-1/4
R882 10k
Q819 UN221L
D803 1A4
R833 10k-1/4
C831 0.27
C881 0.022
R881 10k
C874 2200p
BATT
FL
FR
RR
RL
ILLUMI
CONT
O-REM
P-ANT
GND
IN-INT
ACC
ET801 SP. Output & Power Supply Connector
A
B
C
D
E
F
G
H

NOTE: N. U. is Not Used Parts.


To Main P.W.Board (5/5)
To Main P.W.Board (5/5)
CHG-Lch-IN
CHG-GND
CHG-Rch-IN
(S-GND)
F-L
R-L
F-R
R-R
IC301
TDA7386
VCC2
VCC1
POWER IC
ST-BY
MUTE
IN1
IN2
IN3
IN4
S-GND
TAB
SVR
AC-GND
E307 47/35
E306 1/50
E305 1/50
R301 10k
Q821
2SB709A
Q823
UN2112
Q822
2SD601A
R855 10-1/4
D806 1SS133
R857 39-1/4
R856 39-1/4
R859 39-1/4
R858 39-1/4
Q801
2SB1243
POWER ON +B
Q802
UN221F
Lch
S-GND
Rch
GND
BATT
BUS+
BUS-
ACC
DIN801
Ai-NET Connector
D810 1A4
R873 220-1/4
R872 220-1/4
ACC +5
Q828
XN1A312
Q804
XN1A312
BAT-DET
Vcc/BAT-DET/RESET
IC801
TDA3616T
Reference
Battry buffer
R874 N.U.
E803 0.47/50
C806 N.U.
Q803
XN1A312
D802 1SS353
ACC-DET
R810 N.U.
R811 1k
R809 1k
C804 0.22
E806 3.3/50
R808 10k-1/4
L801 Choke
C801 N.U.
E801 3300/16
D801 DSA3A4
C871 2200p
ZD801 HZS7B2L
R806 4.7k-1/4
E802 0.1/50
R807 4.7k-1/4
GND
Q806
2SD1994A
CFL +B (12V)
R813 220-1/4
ZD802 HZS11A3L
E807 47/16
Q602
UN2212
DIMMER
R604 10k
R603 10k-1/4
E601 10/16
Q601
UN211L
IN-INT
R602 47k
D601 MA152WK
P-ANT/OUT-REM
R840 8.2-1/4
R841 8.2-1/4
R842 8.2-1/4
R843 8.2-1/4
Q817
UN211H
Q816
2SB1243
R847 10k
Q820
UN2212
D804 1PS226
R802 10k
Q819
UN221L
R839 1.8k-1/4
R838 1.8k-1/4
E821 10/16
D803 1A4
R833 10k-1/4
C851 0.27
C681 0.022
R681 10k
C874 2200p
ET801
SP Output & Power Supply Connector
BATT
ILLUMI
IN-INT
ACC
P-ANT
OUT-REM
GND

NOTE: N.U. is Not Used Parts.

IC301

1. 2	0V	14–17	5.8V
3	5.8V	18	0V
4	5V	19	5.8V
5	5.8V	20	11.5V
6	11.5V	21	5.8V
7	5.8V	22	5.2V
8	0V	23	5.8V
9	5.8V	24	0V
10–12	5.7V	25	NC
13	0V		

IC801

1–5	0V	POWER ON/ OFF
6	5V/ 5V	
7–13	0V	
14	4.4V/ 4.4V	
15, 16	5V/ 5V	
17	12.6V/ 12.6V	
18	12.3V/ 12.7V	
19, 20	0V	

IC804

1–5	0V	POWER ON/ OFF
6	7.4V/ 0V	
7, 8	5V/ 0V	

IC810

1	NC		9, 10	0V	NORMAL/ EJECT
2, 3	0V	NORMAL/ EJECT	11	12V/ 12V	
4	0V/ 4V		12–14	0V	
5	0V		15	0V/ 5V	
6	0V/ 4V		16–23	0V	
7	0V		24	0V/ 5V	
8	0V/ 4V		25	0V	

	E	C	B	MODE		E	C	B	MODE
Q601	4.9V/ 4.9V	0V/ 4.9V	4.9V/ 3V	INT → GND	Q816	11.9V/ 0V	12.5V/ 0V	12.6V/ 0V	POWER ON/ OFF
Q602	0V	4.9V/ 0V	0V	DIMMER ON/ OFF	Q817	12.6V/ 0V	12.6V/ 0V	0V	POWER ON/ OFF
Q603	0V	14.34V	0V	BUZZER ON	Q819	0V	0V	2.87V	POWER ON
Q604	0V	0V	PS	POWER ON	Q820	0V	0V	8.9V/ 0V	POWER ON/ OFF
Q605	0V	0V	0V	POWER ON	Q821	5V/ 5V	PS	5V/ 5V	POWER ON/ OFF
Q606	0V	4.7V/ 0V	0V	NOSE ON/ OFF	Q822	0V	PS	0V	POWER ON
Q607	5V/ 0V	0V	5V/ 0V	POWER ON/ OFF	Q823	5V/ 5V	PS	5V/ 5V	POWER ON/ OFF
Q801	11.9V/ 12.7V	12.6V/ 0V	12.6V/ 12.6V	POWER ON/ OFF	Q826	0V	0V/ 5.2V	4.6V/ 0V	MUTE ON/ OFF
Q802	0V/ 13.1V	0V/ 13.1V	5V/ 0V	POWER ON/ OFF	Q840	12.6V	12.6V	12.1V	POWER ON
Q806	10.4V/ 0V	12.6V/ 12.8V	9.7V/ 0V	POWER ON/ OFF	Q872	10.3V/ 0V	12.6V/ 12.8V	9.7V/ 0V	POWER ON/ OFF
Q807	12.6V	12.6V	12.1V	POWER ON					

	1	2	3	4	5	MODE
Q803	NC	5V/ 0V	5V/ 5V	4V/ 0V	0V	ACC ON/ OFF
Q804	NC	5V/ 0V	5V/ 5V	5V/ 0V	0V	ACC ON/ OFF
Q808	NC	12.6V/ 12.7V	12.6V/ 12.7V	5V/ 5V	0V	POWER ON/ OFF
Q825	NC	12.4V/ 0V	12.6V/ 12.6V	4.6V/ 0V	0V	MUTE ON/ OFF
Q828	NC	5V/ 5V	5V/ 5V	4.4V/ 4.4V	0V	POWER ON/ OFF

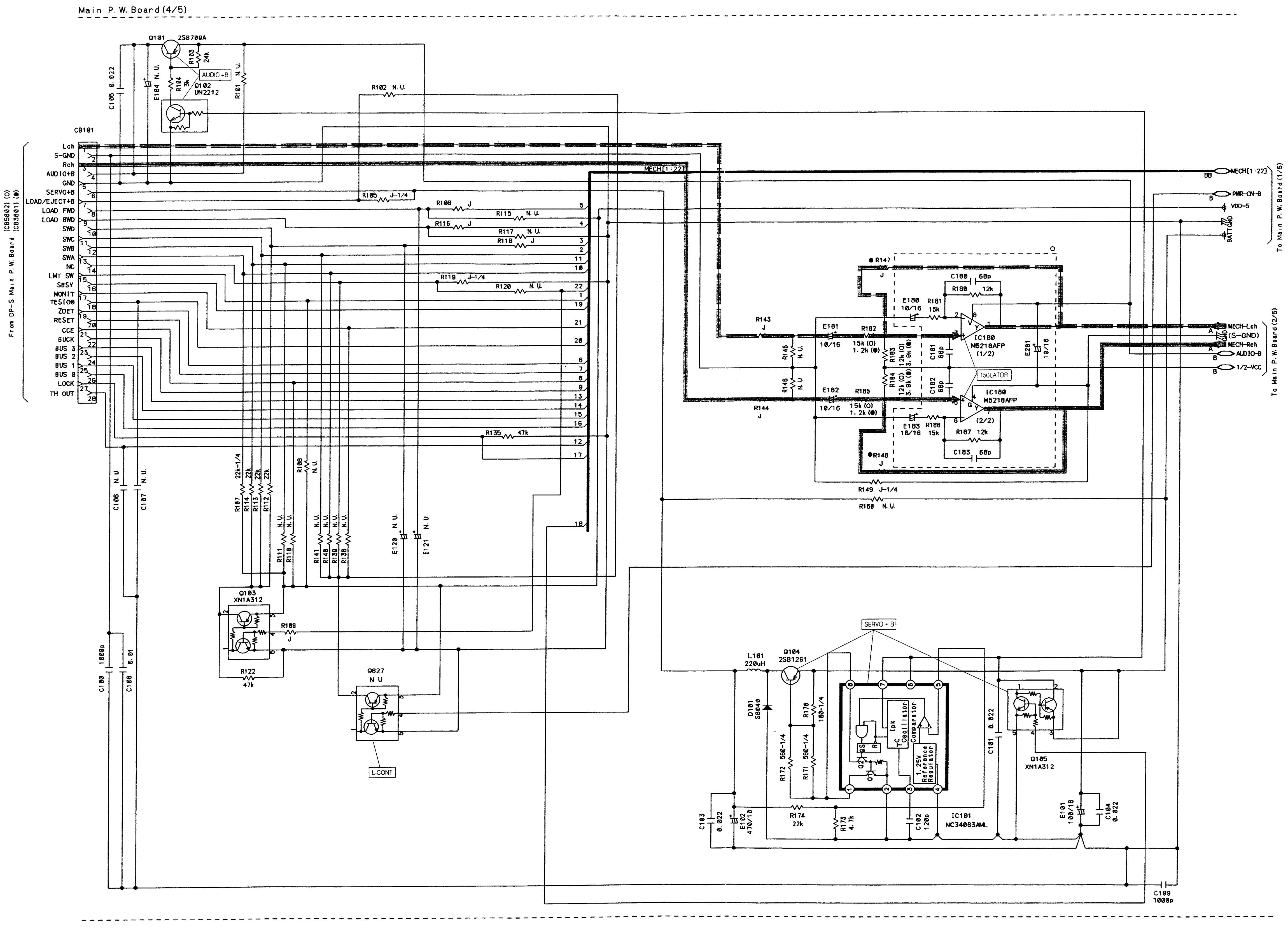
<Measuring Conditions>

1. Power Supply Voltage	:	DC14.4V
2. Measuring Meter	:	Digital Multi Meter
3. Measuring Point Reference	:	Between Ground
4. Measuring Conditions	:	No Signal Input
		FM : 98.1MHz
		AM : 999kHz (MW)
		CD : CD Play

NOTE:

1. All resistance values are in ohms. K = 1,000
2. All capacitance values are in microfarads. P = $\frac{1}{1,000,000}$

Schematic Diagram (4/8)


Main P. W. Board (4/5)
Q101 2SB709A
R103 24k
AUDIO +B
E104 N. U.
R104 3k
Q102 UN2212
R101 N. U.
C105 0.022
R102 N. U.
CB101
Lch
S-GND
Rch
AUDIO+B
GND
SERVO+B
LOAD/EJECT+B
LOAD FWD
LOAD BWD
SWD
SWC
SWB
SWA
NC
LMT SW
SBSY
MONIT
TESIO0
ZDET
RESET
CCE
BUCK
BUS 3
BUS 2
BUS 1
BUS 0
LOCK
TH OUT
From DP-5 Main P. W. Board (CB5802) (O) (CB3801) (●)
R105 J-1/4
R106 J
R115 N. U.
R116 J
R117 N. U.
R118 J
R119 J-1/4
R120 N. U.
R135 47k
MECH(1:22)
R107 22k-1/4
R114 22k
R113 22k
R112 22k
R108 N. U.
R111 N. U.
R110 N. U.
R141 N. U.
R140 N. U.
R139 N. U.
R138 N. U.
E120 N. U.
E121 N. U.
C106 N. U.
C107 N. U.
C100 1000p
C108 0.01
Q103 XN1A312
R109 J
R122 47k
Q827 N U
L-CONT
R143 J
R144 J
R145 N. U.
R146 N. U.
R147 J
R148 J
E181 10/16
E182 10/16
R182 15k (O) 1. 2k (●)
R185 15k (O) 1. 2k (●)
R183 12k (O) 3. 9k (●)
R184 12k (O) 3. 9k (●)
E180 10/16
R181 15k
C180 68p
R180 12k
C181 68p
C182 68p
IC180 M5218AFP (1/2)
IC180 M5218AFP (2/2)
ISOLATOR
E261 10/16
E183 10/16
R186 15k
R187 12k
C183 68p
R149 J-1/4
R150 N. U.
MECH(1:22)
PWR-ON-B
VDD-5
GND
BATT
To Main P. W. Board (1/5)
MECH-Lch
(S-GND)
MECH-Rch
AUDIO-B
1/2-VCC
To Main P. W. Board (2/5)
SERVO + B
L101 220uH
Q104 2SB1261
D101 SB040
R170 100-1/4
R172 560-1/4
R171 560-1/4
Ipk
Oscillator
Comparator
1. 25V Reference Regulator
IC101 MC34063AML
C101 0.022
Q105 XN1A312
C103 0.022
E102 470/10
R174 22k
R173 4.7k
C102 120p
E101 100/10
C104 0.022
C109 1000p

NOTE N. U. is Not Used Parts.

IC101

1	12.6V/7.5V	TUNER/ CD
2~7	0V	
8	12.6V/7.4V	

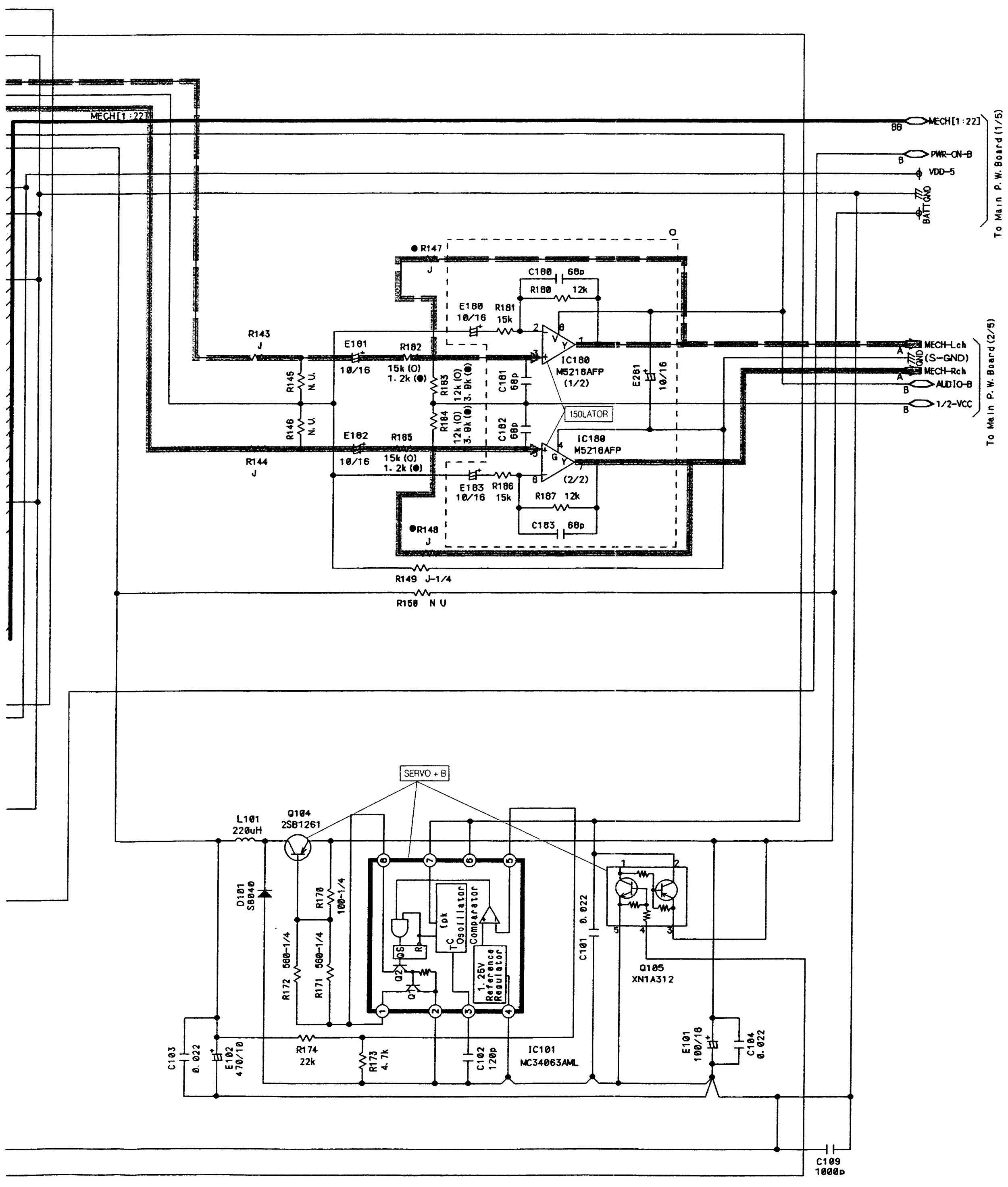
	E	C
Q101	8.8V/8.8V	0V/8.6V
Q102	0V	8.7V/0V
Q104	13.7V/13.7V	5.2V/0V

	1	2
Q103	NC	5V
Q105	NC	0V/11.6V

<Measuring Conditions>

1. Power Supply Voltage
2. Measuring Meter
3. Measuring Point Referenc
4. Measuring Conditions

NOTE: ○ : For CDA-7852R
● : For CDA-7850R
Others : Common.


MECH[1:22]
BB
MECH[1:22]
B
PWR-ON-B
VDD-5
BATT GND
To Main P.W. Board (1/5)
O
● R147
J
C180 68p
R180 12k
E180 10/16
R181 15k
R143
J
E181 10/16
R182 15k (O) 1.2k (●)
R145 N.U.
R146 N.U.
R183 12k (O) 3.9k (●)
R184 12k (O) 3.9k (●)
C181 68p
C182 68p
IC180 M5218AFP (1/2)
150LATOR
E281 10/16
IC180 M5218AFP (2/2)
E182 10/16
R185 15k (O) 1.2k (●)
R144
J
E183 10/16
R186 15k
R187 12k
C183 68p
●R148
J
R149 J-1/4
R150 N U
A
MECH-Lch
GND (S-GND)
MECH-Rch
A
B
AUDIO-B
B
1/2-VCC
To Main P.W. Board (2/5)
SERVO + B
L101 220uH
Q104 2SB1261
D101 SB040
R170 100-1/4
R172 560-1/4
R171 560-1/4
Ipk
Oscillator
C_T
Comparator
1.25V Reference Regulator
Q1
Q2
S
R
C101 0.022
Q105 XN1A312
C103 0.022
E102 470/10
R174 22k
R173 4.7k
C102 120p
IC101 MC34063AML
E101 100/16
C104 0.022
C109 1000p

IC101

1	12.6V/7.5V	TUNER/ CD
2~7	0V	
8	12.6V/7.4V	

○ IC180

1~3	4.4V/ 0V	POWER ON/ OFF
4	0V	
5~7	4.4V/ 0V	
8	8.8V/ 0V	

	E	C	B	MODE
Q101	8.8V/ 8.8V	0V/ 8.6V	8.8V/ 7.9V	TUNER/ CD
Q102	0V	8.7V/ 0V	0V/ 12.5V	TUNER/ CD
Q104	13.7V/ 13.7V	5.2V/ 0V	13.3V/ 13.7V	CD/ TUNER

	1	2	3	4	5	MODE
Q103	NC	5V	5V	5V	0.1V	POWER ON
Q105	NC	0V/ 11.6V	11.7V/ 11.7V	0V/ 5V	0V	TUNER/ CD

<Measuring Conditions>

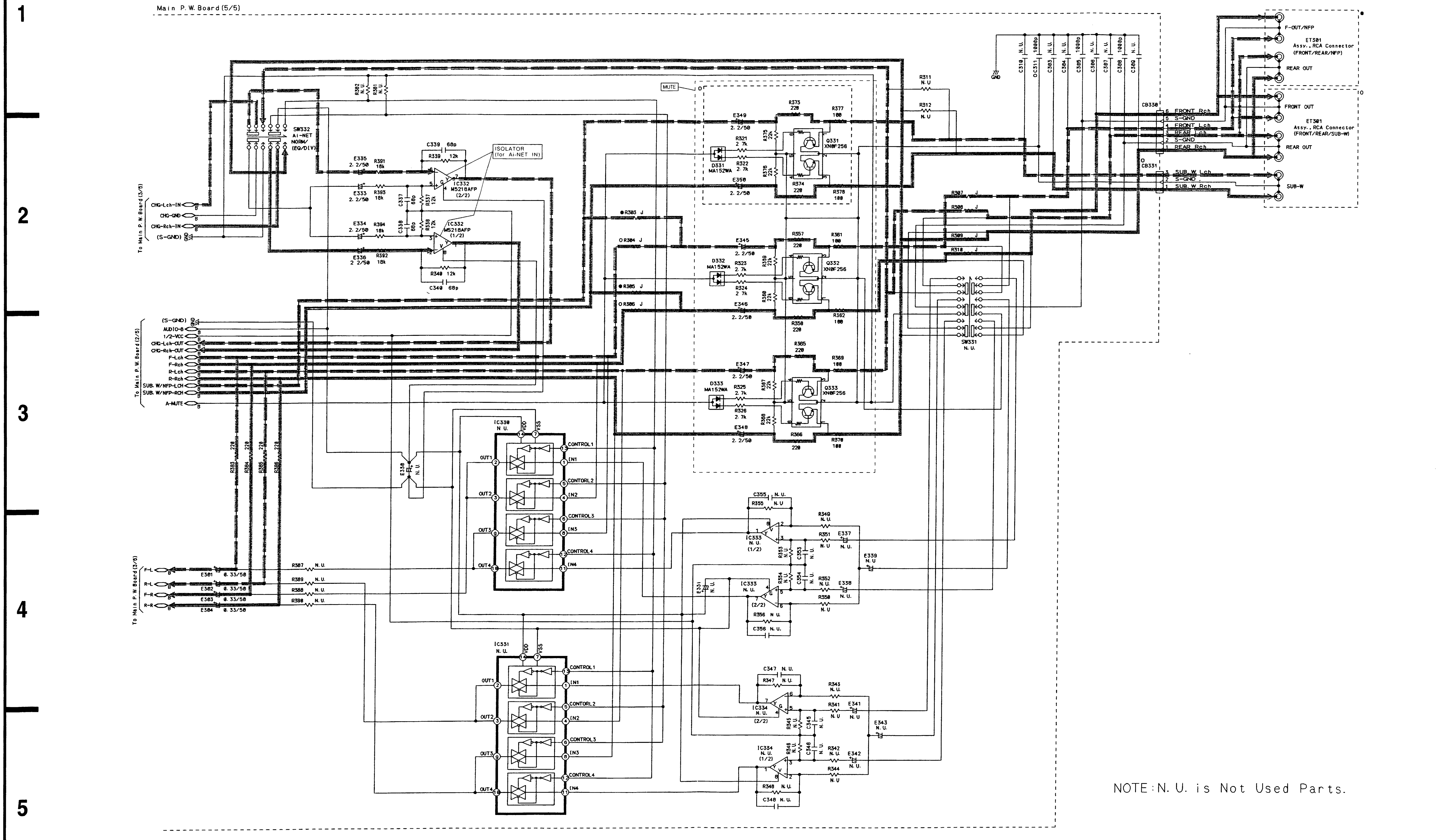
1. Power Supply Voltage	:	DC14.4V
2. Measuring Meter	:	Digital Multi Meter
3. Measuring Point Reference	:	Between Ground
4. Measuring Conditions	:	No Signal Input
		FM : 98.1MHz
		AM : 999kHz (MW)
		CD : CD Play

NOTE: ○ : For CDA-7852R Model Only,
● : For CDA-7850R Model Only,
Others : Common.

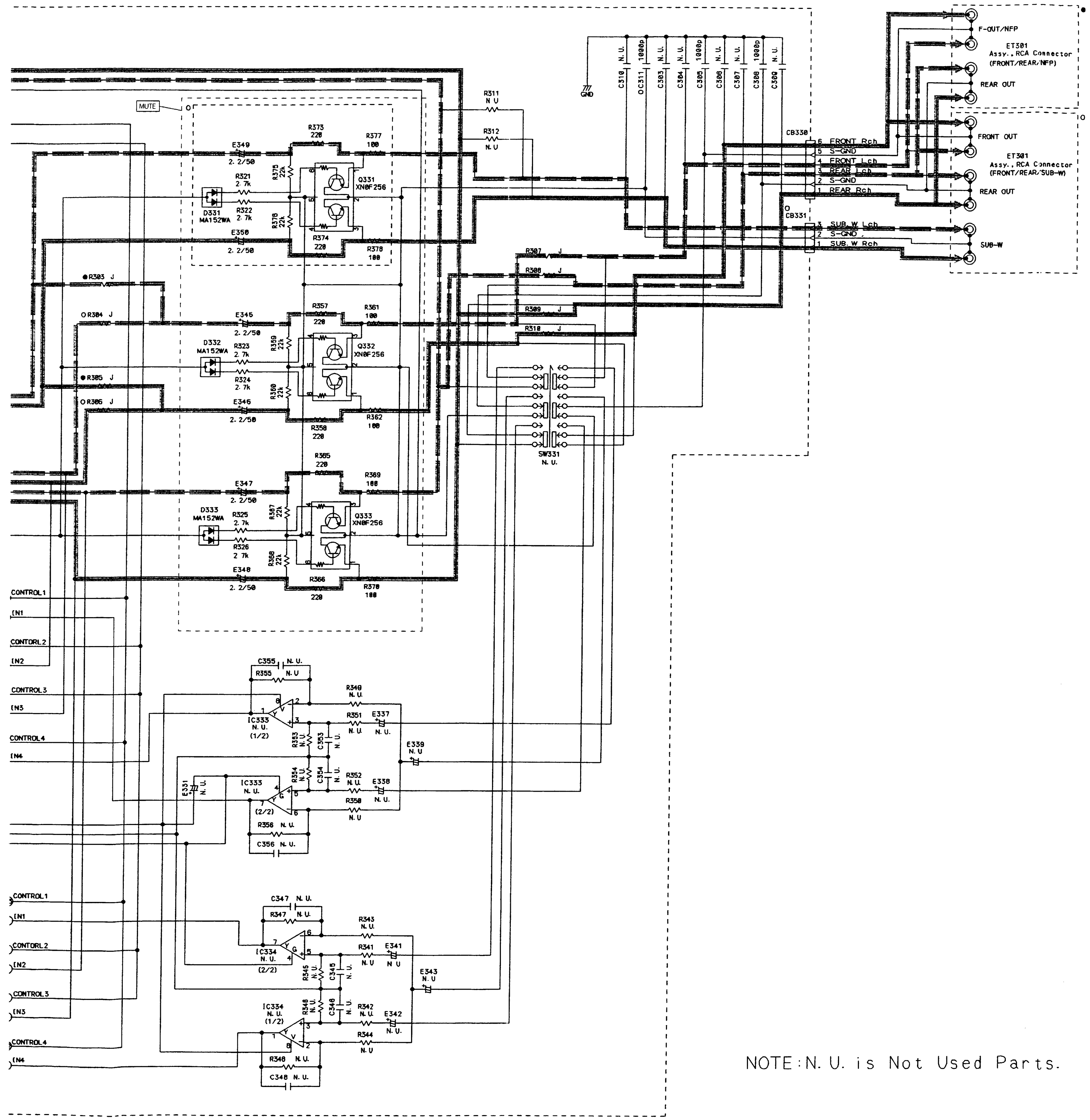
NOTE . N. U. is Not Used Parts.

NOTE:
1. All resistance values are in ohms. K = 1,000
2. All capacitance values are in microfarads. P = $\frac{1}{1,000,000}$

Schematic Diagram (5/8)


1
2
3
4
5
Main P.W. Board (5/5)
To Main P.W. Board (3/5)
CHG-Lch-IN
CHG-GND
CHG-Rch-IN
(S-GND)
To Main P.W. Board (2/5)
AUDIO-B
1/2-VCC
CHG-Lch-OUT
CHG-Rch-OUT
F-Lch
F-Rch
R-Lch
R-Rch
SUB. W/NFP-LCH
SUB. W/NFP-RCH
A-MUTE
F-L
R-L
F-R
R-R
SW332
AI-NET
NORM/
(EQ/DIV)
ISOLATOR
(for Ai-NET IN)
IC332
M5218AFP
MUTE
D331
MA152WA
D332
MA152WA
D333
MA152WA
Q331
XN0F256
Q332
XN0F256
Q333
XN0F256
IC330
N. U.
IC331
N. U.
VDD
VSS
CONTROL1
CONTROL2
CONTROL3
CONTROL4
IN1
IN2
IN3
IN4
OUT1
OUT2
OUT3
OUT4
IC333
N. U.
IC334
N. U.
SW331
N. U.
CB330
FRONT Rch
S-GND
FRONT Lch
REAR Lch
S-GND
REAR Rch
CB331
SUB. W Lch
S-GND
SUB. W Rch
ET301
Assy., RCA Connector
(FRONT/REAR/NFP)
F-OUT/NFP
REAR OUT
(FRONT/REAR/SUB-W)
FRONT OUT
SUB-W
GND

NOTE: N. U. is Not Used Parts.


MUTE
R311 N.U
R312 N.U
GND
C310 N.U.
C311 1000p
C303 N.U.
C304 N.U.
C305 1000p
C306 N.U.
C307 N.U.
C308 1000p
C309 N.U.
E349 2.2/50
R321 2.7k
R322 2.7k
D331 MA152WA
R373 220
R377 100
R375 22k
R376 22k
Q331 XN0F256
R374 220
R378 100
E350 2.2/50
R303 J
R304 J
R305 J
R385 J
E345 2.2/50
D332 MA152WA
R323 2.7k
R324 2.7k
R357 220
R361 100
R359 22k
R360 22k
Q332 XN0F256
E346 2.2/50
R358 220
R362 100
R365 220
R369 100
E347 2.2/50
D333 MA152WA
R325 2.7k
R326 2.7k
R367 22k
R368 22k
Q333 XN0F256
E348 2.2/50
R366 220
R370 100
R307 J
R308 J
R309 J
R310 J
SW331 N.U.
CB330
6 FRONT Rch
5 S-GND
4 FRONT Lch
3 REAR Lch
2 S-GND
1 REAR Rch
CB331
3 SUB.W Lch
2 S-GND
1 SUB.W Rch
F-OUT/NFP
ET301 Assy., RCA Connector (FRONT/REAR/NFP)
REAR OUT
FRONT OUT
ET301 Assy., RCA Connector (FRONT/REAR/SUB-W)
REAR OUT
SUB-W
CONTROL1
IN1
CONTORL2
IN2
CONTROL3
IN3
CONTROL4
IN4
C355 N.U.
R355 N.U.
R349 N.U.
IC333 N.U. (1/2)
R351 N.U
E337 N.U.
R353 N.U.
C353 N.U.
E339 N.U
E331 N.U.
IC333 N.U. (2/2)
R354 N.U.
C354 N.U.
R352 N.U.
E338 N.U.
R350 N.U
R356 N.U.
C356 N.U.
C347 N.U.
R347 N.U.
R343 N.U.
IC334 N.U. (2/2)
R341 N.U
E341 N.U
R345 N.U.
C345 N.U.
E343 N.U
IC334 N.U. (1/2)
R346 N.U.
C346 N.U.
R342 N.U.
E342 N.U.
R344 N.U
R348 N.U.
C348 N.U.

NOTE : N. U. is Not Used Parts.

IC332

1-3	4.4V/ 0V	POWER ON/ OFF
4	0V	
5-7	4.4V/ 0V	
8	8.7V/ 0V	

	1	2	3	4	5	6	MODE
○ Q331	PS	0V	PS	10V/ 0V	0V	10V/ 0V	MUTE ON/ OFF
Q332	PS	0V	PS	10V/ 0V	0V	10V/ 0V	MUTE ON/ OFF
Q333	PS	0V	PS	10V/ 0V	0V	10V/ 0V	MUTE ON/ OFF

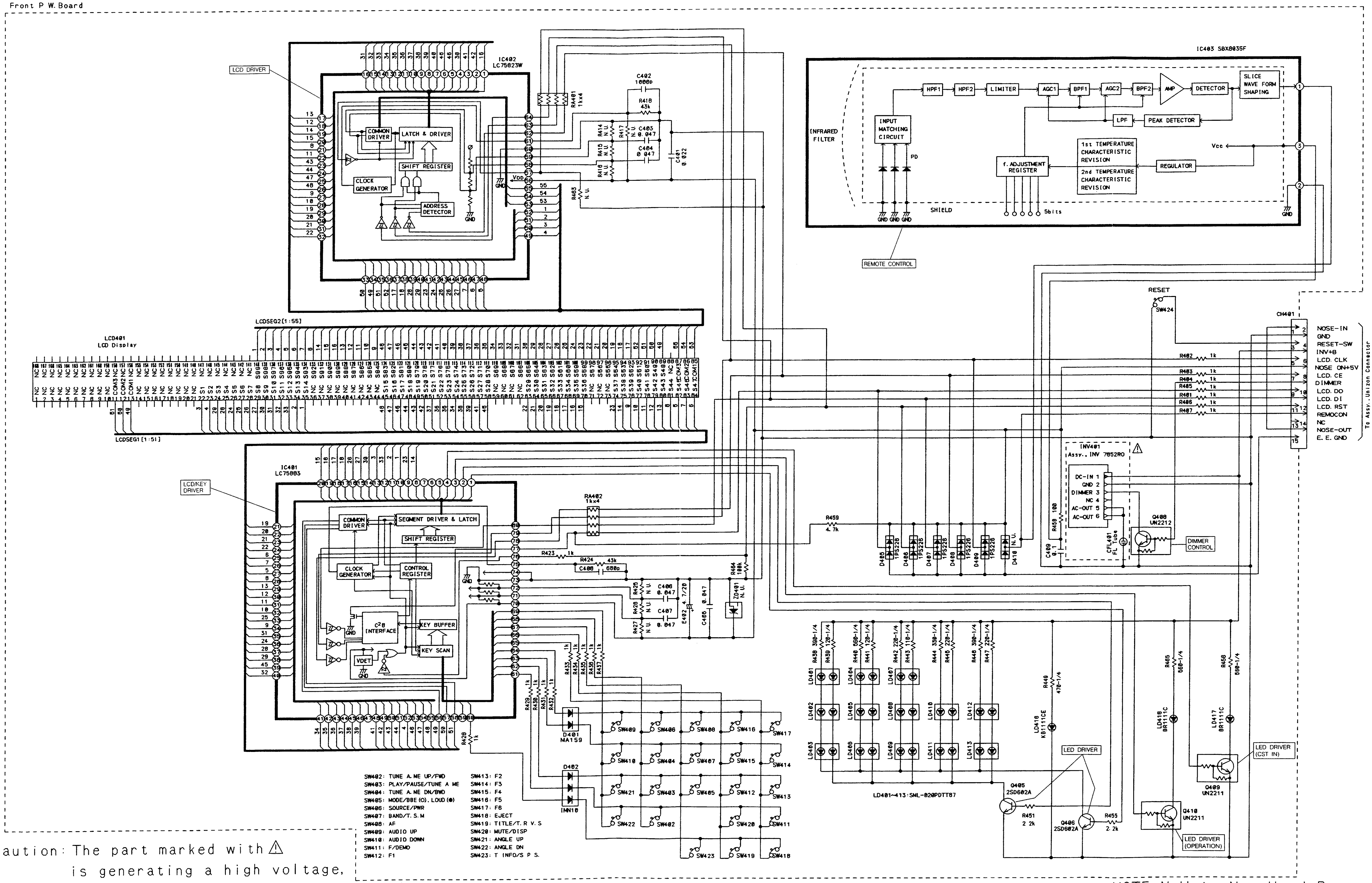
<Measuring Conditions>

1. Power Supply Voltage	:	DC14.4V
2. Measuring Meter	:	Digital Multi Meter
3. Measuring Point Reference	:	Between Ground
4. Measuring Conditions	:	No Signal Input
		FM : 98.1MHz
		AM : 999kHz (MW)
		CD : CD Play

NOTE: ○ : For CDA-7852R Model Only,
● : For CDA-7850R Model Only,
Others : Common.

NOTE:
1. All resistance values are in ohms. K = 1,000
2. All capacitance values are in microfarads. $P = \frac{1}{1,000,000}$

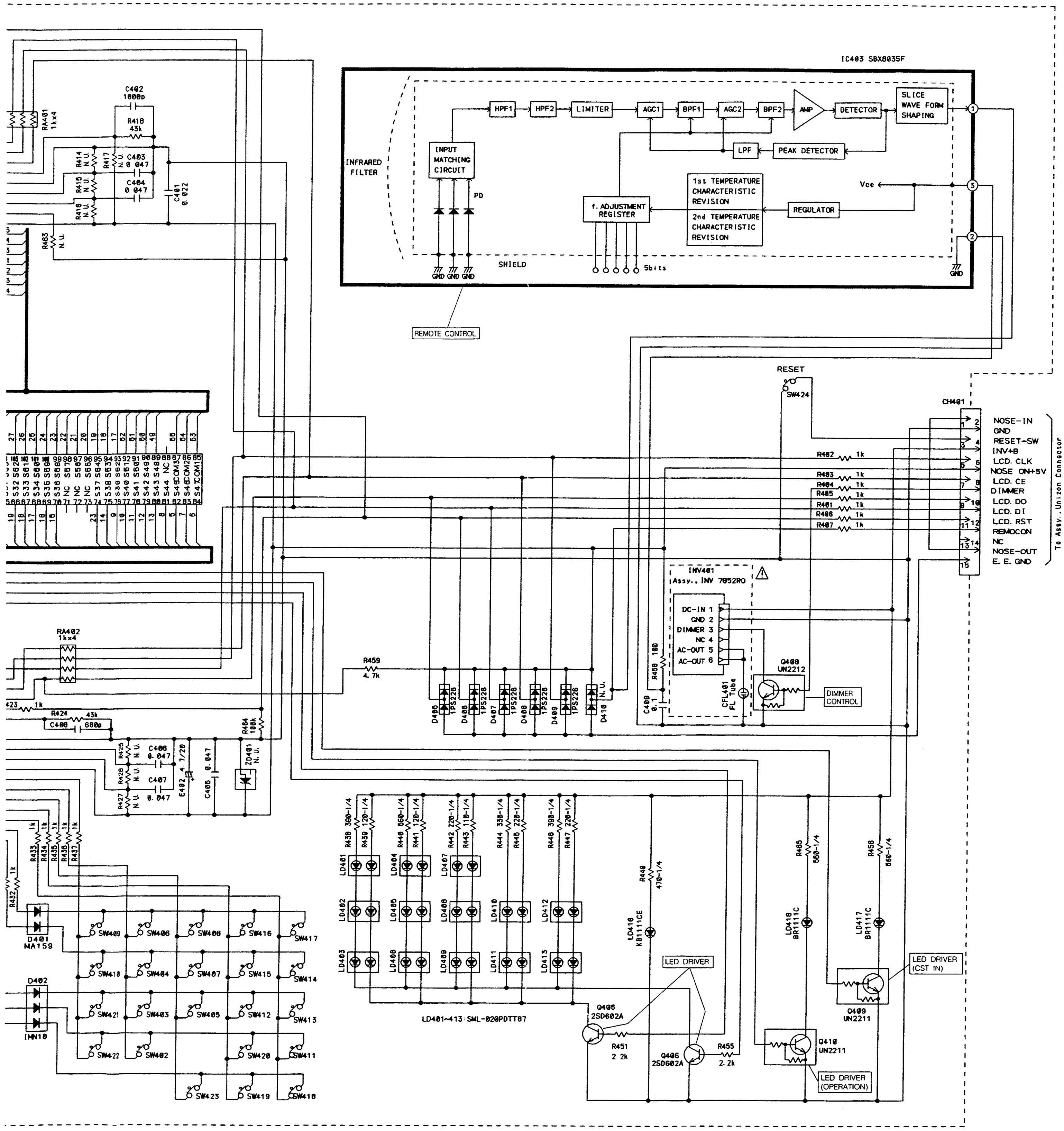
Schematic Diagram (6/8)


1
2
3
4
5
Front P W. Board
LCD DRIVER
IC402
LC75823W
COMMON DRIVER
LATCH & DRIVER
SHIFT REGISTER
CLOCK GENERATOR
ADDRESS DETECTOR
Vdd
GND
R401 1k×4
C402 1000p
R418 43k
R414 N.U.
R417 N.U.
C405 0.047
R415 N.U.
C404 0.047
C401 0.022
R416 N.U.
R403 N.U.
IC403 SBX8035F
INFRARED FILTER
INPUT MATCHING CIRCUIT
PD
HPF1
HPF2
LIMITER
AGC1
BPF1
AGC2
BPF2
AMP
DETECTOR
SLICE WAVE FORM SHAPING
LPF
PEAK DETECTOR
f. ADJUSTMENT REGISTER
1st TEMPERATURE CHARACTERISTIC REVISION
2nd TEMPERATURE CHARACTERISTIC REVISION
REGULATOR
Vcc
SHIELD
5bits
GND
REMOTE CONTROL
RESET
SW424
CH401
NOSE-IN
GND
RESET-SW
INV+B
LCD. CLK
NOSE ON+5V
LCD. CE
DIMMER
LCD. DO
LCD. DI
LCD. RST
REMOCON
NC
NOSE-OUT
E. E. GND
To Assy. . Unizon Connector (CB401)
R402 1k
R403 1k
R404 1k
R405 1k
R401 1k
R406 1k
R407 1k
LCDSEG2[1:55]
LCD401
LCD Display
LCDSEG1[1:51]
LCD/KEY DRIVER
IC401
LC75883
COMMON DRIVER
SEGMENT DRIVER & LATCH
SHIFT REGISTER
CLOCK GENERATOR
CONTROL REGISTER
C²B INTERFACE
KEY BUFFER
KEY SCAN
VDET
RA402 1k×4
R423 1k
R424 43k
C408 680p
R425 N.U.
C406 0.047
R426 N.U.
C407 0.047
R427 N.U.
E402 4.7/20
C403 0.047
ZD401 N.U.
R404 100k
R459 4.7k
INV401
Assy., INV 7852RO
DC-IN 1
GND 2
DIMMER 3
NC 4
AC-OUT 5
AC-OUT 6
R458 100
C409 0.1
CFL401 FL Tube
Q408 UN2212
DIMMER CONTROL
D405 1PS226
D406 1PS226
D407 1PS226
D408 1PS226
D409 1PS226
D410 N.U.
R428 1k
R429 1k
R430 1k
R431 1k
R432 1k
R433 1k
R434 1k
R435 1k
R436 1k
R437 1k
D401 MA159
D402 IMN10
SW409
SW406
SW408
SW416
SW417
SW410
SW404
SW407
SW415
SW414
SW421
SW403
SW405
SW412
SW413
SW422
SW402
SW420
SW411
SW423
SW419
SW418
LD401
LD402
LD403
LD404
LD405
LD406
LD407
LD408
LD409
LD410
LD411
LD412
LD413
LD414 KB1111CE
LD415 BR1111C
LD417 BR1111C
LD401~413: SML-020PDTT87
LED DRIVER
Q405 2SD602A
R451 2.2k
Q406 2SD602A
R455 2.2k
Q410 UN2211
LED DRIVER (OPERATION)
Q409 UN2211
LED DRIVER (CST IN)

SW402: TUNE A. ME UP/FWD
SW403: PLAY/PAUSE/TUNE A ME
SW404: TUNE A. ME DN/BWD
SW405: MODE/BBE (○). LOUD (●)
SW406: SOURCE/PWR
SW407: BAND/T. S. M
SW408: AF
SW409: AUDIO UP
SW410: AUDIO DOWN
SW411: F/DEMO
SW412: F1
SW413: F2
SW414: F3
SW415: F4
SW416: F5
SW417: F6
SW418: EJECT
SW419: TITLE/T. R V. S
SW420: MUTE/DISP
SW421: ANGLE UP
SW422: ANGLE DN
SW423: T INFO/S P S.

Caution: The part marked with ⚠
is generating a high voltage,
so care will be necessary when working.

NOTE: N. U. is Not Used Parts.


IC403 SBX8035F
INFRARED FILTER
INPUT MATCHING CIRCUIT
PD
HPF1
HPF2
LIMITER
AGC1
BPF1
AGC2
BPF2
AMP
DETECTOR
SLICE WAVE FORM SHAPING
LPF
PEAK DETECTOR
Vcc
1st TEMPERATURE CHARACTERISTIC REVISION
2nd TEMPERATURE CHARACTERISTIC REVISION
f. ADJUSTMENT REGISTER
REGULATOR
SHIELD
GND GND GND
5bits
GND
REMOTE CONTROL
RESET
SW424
CH401
NOSE-IN
GND
RESET-SW
INV+B
LCD. CLK
NOSE ON+5V
LCD. CE
DIMMER
LCD. DO
LCD. DI
LCD. RST
REMOCON
NC
NOSE-OUT
E. E. GND
To Assy., Unizon Connector (CB401)
R402 1k
R403 1k
R404 1k
R405 1k
R401 1k
R406 1k
R407 1k
INV401
Assy., INV 7652RO
DC-IN 1
GND 2
DIMMER 3
NC 4
AC-OUT 5
AC-OUT 6
CFL401 FL Tube
Q408 UN2212
DIMMER CONTROL
R459 4.7k
RA402 1kx4
RA401 1kx4
C402 1000p
R418 43k
C403 0.047
C404 0.047
C401 0.022
R424 43k
C408 680p
R484 100k
ZD401 N.U.
D405 1PS226
D406 1PS226
D407 1PS226
D408 1PS226
D409 1PS226
D410 N.U.
LD401–413: SML-020PDTT87
LD416 KB1111CE
LD418 BR1111C
LD417 BR1111C
LED DRIVER
LED DRIVER (CST IN)
LED DRIVER (OPERATION)
Q405 2SD602A
Q406 2SD602A
Q409 UN2211
Q410 UN2211
R451 2.2k
R455 2.2k
D401 MA159
D402
IMN10
SW409
SW408
SW406
SW416
SW417
SW410
SW404
SW407
SW415
SW414
SW421
SW403
SW405
SW412
SW413
SW422
SW402
SW420
SW411
SW423
SW419
SW418

NOTE : N. U. is Not Used Parts.

IC401

1	4.6V	POWER ON	60~64	5V	POWER ON
2	4.7V		65~69	0V	
3, 4	4.9V		70	5V	
5~7	NC		71	3.3V	
8~46	PS	POWER ON	72~74	0V	
47	NC		75~77	5V	
48~58	PS	POWER ON	78~80	0V	
59	NC				

IC402

1~55	PS	POWER ON
56	5V	
57	0V	
58	3.3V	
59~64	0V	

IC403

1	PS	POWER ON
2	0V	
3	5V	

	E	C	B	MODE
Q405	8.4V/ 0V	7.5V/ 0V	7.5V/ 0V	POWER ON/ OFF
Q406	8.5V/ 0V	8V/ 0V	7.7V/ 0V	POWER ON/ OFF
Q408	6.5V/ 6.5V	0V/ 4.5V	5V/ 2.3V	POWER ON/ OFF
Q409	7V/ 0V	5.5V/ 0V	5.8V/ 0V	POWER ON/ OFF
Q410	7V/ 0V	5.5V/ 0V	5V/ 0V	POWER ON/ OFF

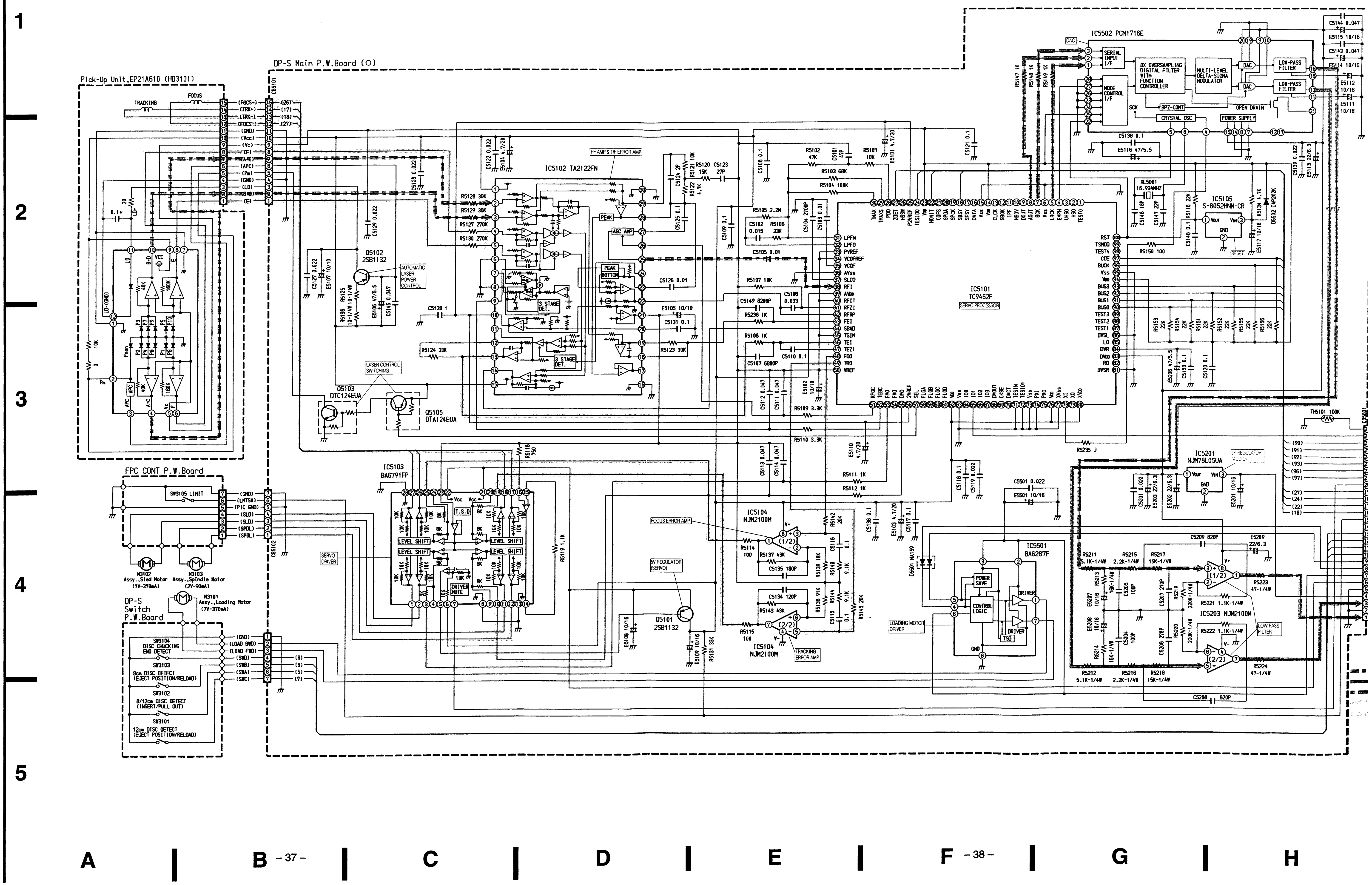
<Measuring Conditions>

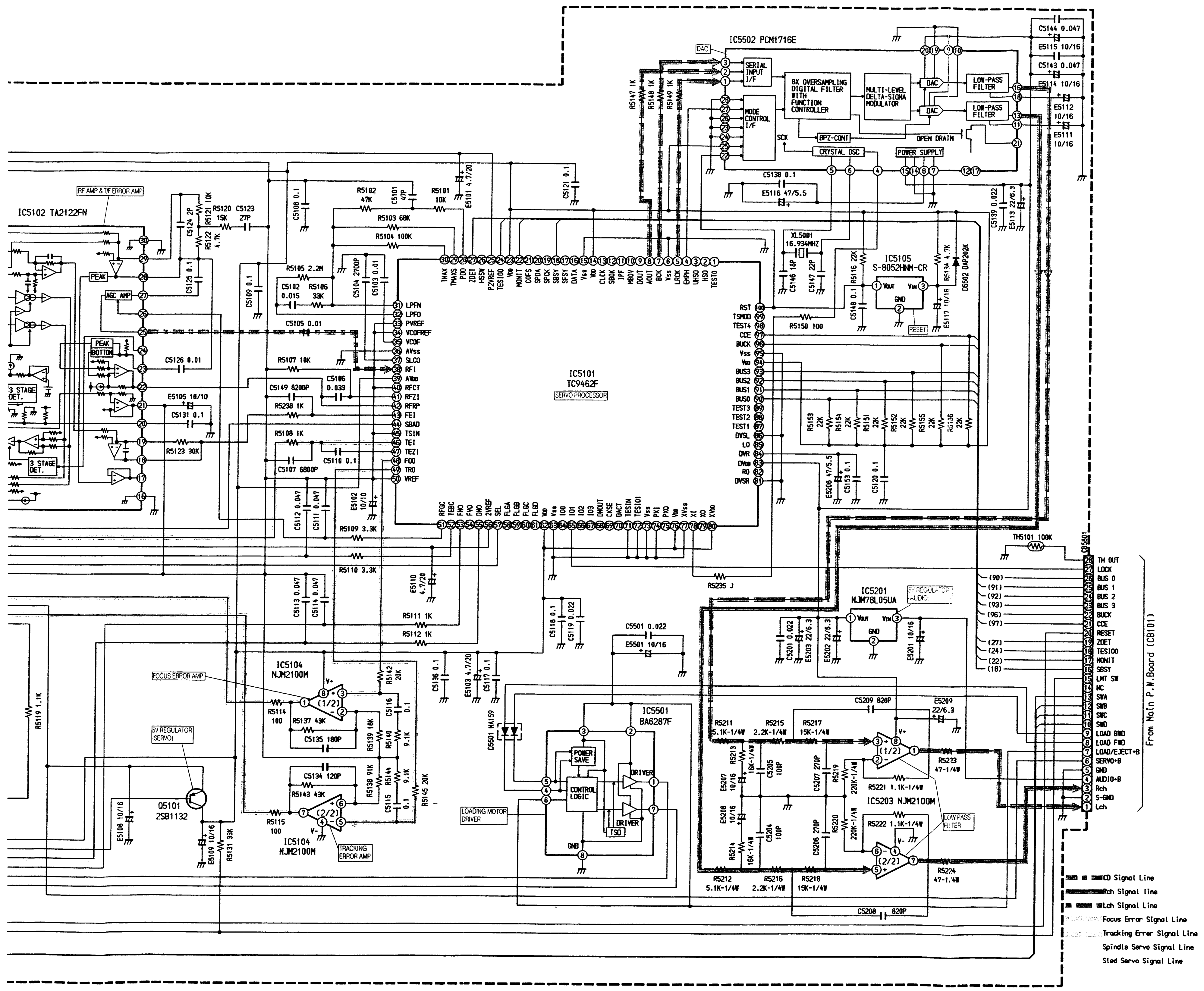
1. Power Supply Voltage : DC14.4V
2. Measuring Meter : Digital Multi Meter
3. Measuring Point Reference : Between Ground
4. Measuring Conditions : No Signal Input
FM : 98.1MHz
AM : 999kHz (MW)
CD : CD Play

NOTE: ○ : For CDA-7852R Model Only,
● : For CDA-7850R Model Only,
Others : Common.

NOTE:
1. All resistance values are in ohms. K = 1,000
2. All capacitance values are in microfarads. P = $\frac{1}{1,000,000}$

Schematic Diagram (7/8)


1
2
3
4
5
A
B
C
D
E
F
G
H
DP-S Main P.W.Board (O)
Pick-Up Unit,EP21A610 (HD3101)
TRACKING
FOCUS
CB5101
(FOCS+)
(TRK+)
(TRK-)
(FOCS-)
(GND)
(Vcc)
(Vc)
(F)
(A+C)
(APC)
(Pm)
(GND)
(LD)
(B+D)
(E)
IC5102 TA2122FN
RF AMP & T/F ERROR AMP
PEAK
AGC AMP
PEAK BOTTOM
3 STAGE DET.
Q5102 2SB1132
AUTOMATIC LASER POWER CONTROL
LASER CONTROL SWITCHING
Q5103 DTC124EUA
Q5105 DTA124EUA
IC5101 TC9462F
SERVO PROCESSOR
IC5502 PCM1716E
DAC
SERIAL INPUT I/F
MODE CONTROL I/F
8X OVERSAMPLING DIGITAL FILTER WITH FUNCTION CONTROLLER
MULTI-LEVEL DELTA-SIGMA MODULATOR
LOW-PASS FILTER
BPZ-CONT
CRYSTAL OSC
POWER SUPPLY
OPEN DRAIN
SCK
XL5001 16.934MHZ
IC5105 S-8052HNM-CR
RESET
D5502 DAP202K
TH5101 100K
CP5501
IC5201 NJM78L05UA
5V REGULATOR (AUDIO)
FPC CONT P.W.Board
SW3105 LIMIT
(GND)
(LMTSW)
(PIC GND)
(SLD)
(SLD)
(SPDL)
(SPDL)
CB5102
M3102 Assy.,Sled Motor (7V-370mA)
M3103 Assy.,Spindle Motor (2V-90mA)
M3101 Assy.,Loading Motor (7V-370mA)
DP-S Switch P.W.Board
SW3104 DISC CHUCKING END DETECT
SW3103 8cm DISC DETECT (EJECT POSITION/RELOAD)
SW3102 8/12cm DISC DETECT (INSERT/PULL OUT)
SW3101 12cm DISC DETECT (EJECT POSITION/RELOAD)
(GND)
(LOAD BWD)
(LOAD FWD)
(SWD)
(SWB)
(SWA)
(SWC)
IC5103 BA6791FP
SERVO DRIVER
LEVEL SHIFT
T.S.D
DRIVER MUTE
Q5101 2SB1132
5V REGULATOR (SERVO)
IC5104 NJM2100M
FOCUS ERROR AMP
TRACKING ERROR AMP
IC5501 BA6287F
LOADING MOTOR DRIVER
POWER SAVE
CONTROL LOGIC
DRIVER
TSD
D5501 MA159
IC5203 NJM2100M
LOW PASS FILTER
R5211 5.1K-1/4W
R5215 2.2K-1/4W
R5217 15K-1/4W
R5212 5.1K-1/4W
R5216 2.2K-1/4W
R5218 15K-1/4W
R5221 1.1K-1/4W
R5222 1.1K-1/4W
R5223 47-1/4W
R5224 47-1/4W
C5209 820P
C5208 820P
E5209 22/6.3
(90)
(91)
(92)
(93)
(96)
(97)
(27)
(24)
(22)
(18)


IC5502 PCM1716E
SERIAL INPUT I/F
8X OVERSAMPLING DIGITAL FILTER WITH FUNCTION CONTROLLER
MULTI-LEVEL DELTA-SIGMA MODULATOR
DAC
LOW-PASS FILTER
MODE CONTROL I/F
SCK
BPZ-CONT
OPEN DRAIN
CRYSTAL OSC
POWER SUPPLY
C5138 0.1
E5116 47/5.5
C5144 0.047
E5115 10/16
C5143 0.047
E5114 10/16
E5112 10/16
E5111 10/16
R5147 1K
R5148 1K
R5149 1K
RF AMP & T/E ERROR AMP
IC5102 TA2122FN
PEAK
AGC AMP
PEAK BOTTOM
3 STAGE DET.
R5102 47K
R5103 68K
R5104 100K
R5101 10K
E5101 4.7/20
C5101 47P
C5121 0.1
C5108 0.1
R5120 15K
C5123 27P
R5121 10K
R5122 4.7K
C5124 2P
C5125 0.1
C5109 0.1
R5105 2.2M
C5102 0.015
R5106 33K
C5104 2700P
C5103 0.01
C5105 0.01
C5126 0.01
R5107 10K
C5106 0.033
C5149 8200P
R5238 1K
E5105 10/10
C5131 0.1
R5123 30K
R5108 1K
C5107 6800P
C5110 0.1
XL5001 16.934MHZ
C5146 18P
C5147 22P
R5116 22K
IC5105 S-8052HNM-CR
RESET
R5150 100
C5148 0.1
R5134 4.7K
E5117 10/16
D5502 DAP202K
C5139 0.022
E5113 22/6.3
IC5101 TC9462F
SERVO PROCESSOR
R5153 22K
R5154 22K
R5151 22K
R5152 22K
R5155 22K
R5156 22K
E5206 47/5.5
C5153 0.1
C5120 0.1
C5112 0.047
C5111 0.047
E5102 10/10
R5109 3.3K
R5110 3.3K
E5110 4.7/20
C5113 0.047
C5114 0.047
R5111 1K
R5112 1K
C5118 0.1
C5119 0.022
R5235 J
TH5101 100K
IC5201 NJM78L05UA
5V REGULATOR (AUDIO)
C5201 0.022
E5203 22/6.3
E5202 22/6.3
E5201 10/16
C5501 0.022
E5501 10/16
IC5104 NJM2100M
FOCUS ERROR AMP
R5114 100
R5137 43K
C5135 180P
R5139 18K
R5140 9.1K
C5116 0.1
R5142 20K
C5134 120P
R5143 43K
R5138 91K
R5144 9.1K
C5115 0.1
R5145 20K
R5115 100
TRACKING ERROR AMP
R5119 1.1K
5V REGULATOR (SERVO)
Q5101 2SB1132
E5108 10/16
E5109 10/16
R5131 33K
C5136 0.1
E5103 4.7/20
C5117 0.1
D5501 MA159
IC5501 BA6287F
POWER SAVE
CONTROL LOGIC
DRIVER
TSD
LOADING MOTOR DRIVER
C5209 820P
E5209 22/6.3
R5211 5.1K-1/4W
R5215 2.2K-1/4W
R5217 15K-1/4W
R5213 16K-1/4W
C5205 100P
C5207 270P
R5219 220K-1/4W
R5223 47-1/4W
R5221 1.1K-1/4W
IC5203 NJM2100M
E5207 10/16
E5208 10/16
R5214 16K-1/4W
C5204 100P
C5206 270P
R5220 220K-1/4W
R5222 1.1K-1/4W
LOW PASS FILTER
R5224 47-1/4W
R5212 5.1K-1/4W
R5216 2.2K-1/4W
R5218 15K-1/4W
C5208 820P
CP5501
TH OUT
LOCK
BUS 0
BUS 1
BUS 2
BUS 3
BUCK
CCE
RESET
ZDET
TESIO0
MONIT
SBSY
LMT SW
NC
SWA
SWB
SWC
SWD
LOAD BWD
LOAD FWD
LOAD/EJECT+B
SERVO+B
GND
AUDIO+B
Rch
S-GND
Lch
From Main P.W.Board (CB101)
CD Signal Line
Rch Signal line
Lch Signal Line
Focus Error Signal Line
Tracking Error Signal Line
Spindle Servo Signal Line
Sled Servo Signal Line

○ IC5101

1~3	NC	39	5V	71~74	0V
4	0V	40	2.1V	75	NC
5	Digital Data or Clock	41, 42	2.6V	76	5V
6	0V	43	2.1V	77	0V
7, 8	Digital Data or Clock	44	2.5V	78	2.4V
9~13	NC	45	2.1V	79	NC
14	5V	46	2.2V	80	5V
15	0V	47~50	2.1V	81	0V
16, 17	NC	51	0.63V	82	NC
18	Digital Data or Clock	52	2.3V	83	5V
19~21	NC	53	2.1V	84	2.5V
22	Digital Data or Clock	54	NC	85	NC
23	5V	55	2.3V	86	0V
24	0V	56	4.3V	87~89	NC
25	4.3V	57	5V	90~93	Digital Data or Clock
26	NC	58~61	NC	94	5V
27	0V	62	5V	95	0V
28~34	2.1V	63	0V	96, 97	5V
35	1.4V	64	NC	98, 99	NC
36	0V	65	0V	100	5V
37, 38	2.1V	66~70	NC		

○ IC5102

1	5.1V	16	0V
2~5	2.1V	17	NC
6	0V	18~21	2.1V
7	NC	22	2.6V
8	0V	23	2.1V
9	2.3V	24	NC
10	4.3V	25	2.1V
11	NC	26	0.92V
12	2.1V	27	2.1V
13	2.2V	28	3.1V
14	2.5V	29	2.1V
15	5.1V	30	0V

○ IC5103

1, 2	3.5V	14~16	2.1V
3	2.1V	17, 18	3.5V
4	NC	19	2.1V
5	6.2V	20	NC
6, 7	5V	21, 22	6.9V
8	0V	23	2.1V
9	NC	24	NC
10	2.3V	25	2V
11	3.8V	26	3.3V
12	3.2V	27	3.7V
13	0V	28	0V

○ IC5104

1~3	2.1V
4	0V
5~7	2.1V
8	5V

○ IC5105

1, 2	5V
3	0V

○ IC5201

1	5V
2	0V
3	8V

○ IC5203

1~3	2.6V
4	0V
5~7	2.6V
8	5V

○ IC5501

1	0.2V
2, 3	6.9V
4, 5	0V
6	6.9V
7, 8	0V

○ IC5502

1	2.4V	14	0V
2	2.2V	15	5V
3	2.5V	16	2.5V
4	1.5V	17	NC
5	1.8V	18	2.5V
6	2V	19	0V
7	0V	20	5V
8	4V	21	NC
9	5V	22	4.7V
10	0V	23, 24	0V
11	2.5V	25	5V
12	NC	26~28	0V
13	2.5V		

	E	C	B
○ Q5101	6.9V	5V	6.2V
○ Q5102	4.4V	2.6V	3.7V
○ Q5103	0V	2.5V	0V
○ Q5105	5V	0V	5V

[Measuring Conditions]

- Power Supply Voltage : DC14.4V
- Measuring Meter : Digital Multi Voltmeter
- Measuring Point Reference : Between GND
- Measuring Conditions : CD : Be playing back the Music Disc.

NOTE: ○ : For CDA-7852R Model Only,
Others : Common.

NOTE:

1. All resistance values are in ohms. K = 1,000
2. All capacitance values are in microfarads. $P = \frac{1}{1,000,000}$

Schematic Diagram (8/8)

1

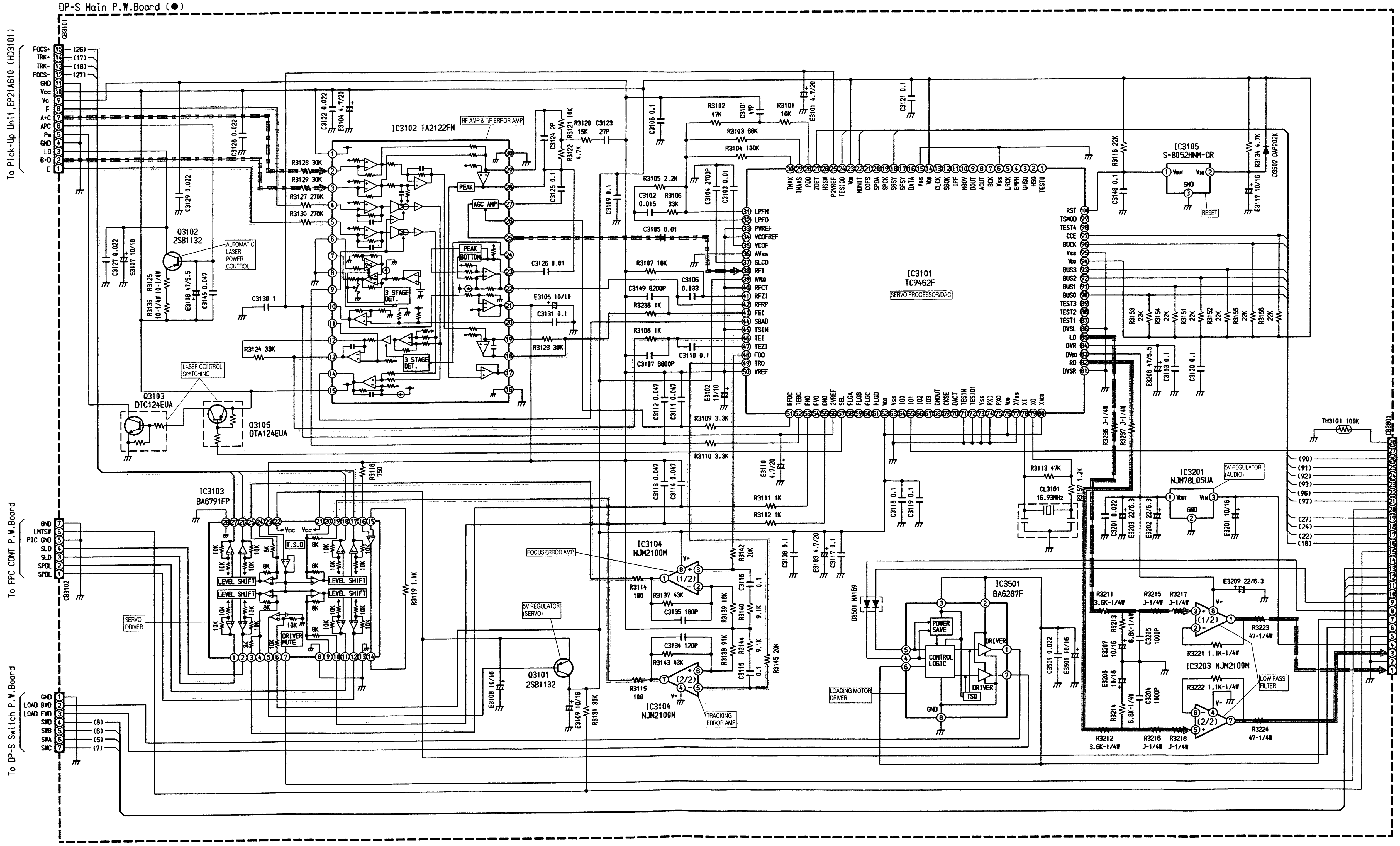
NOTE: Refer to the Schematic Diagram (7/8)
for description not mentioned
in the Schematic Diagram (8/8).

2

3

4

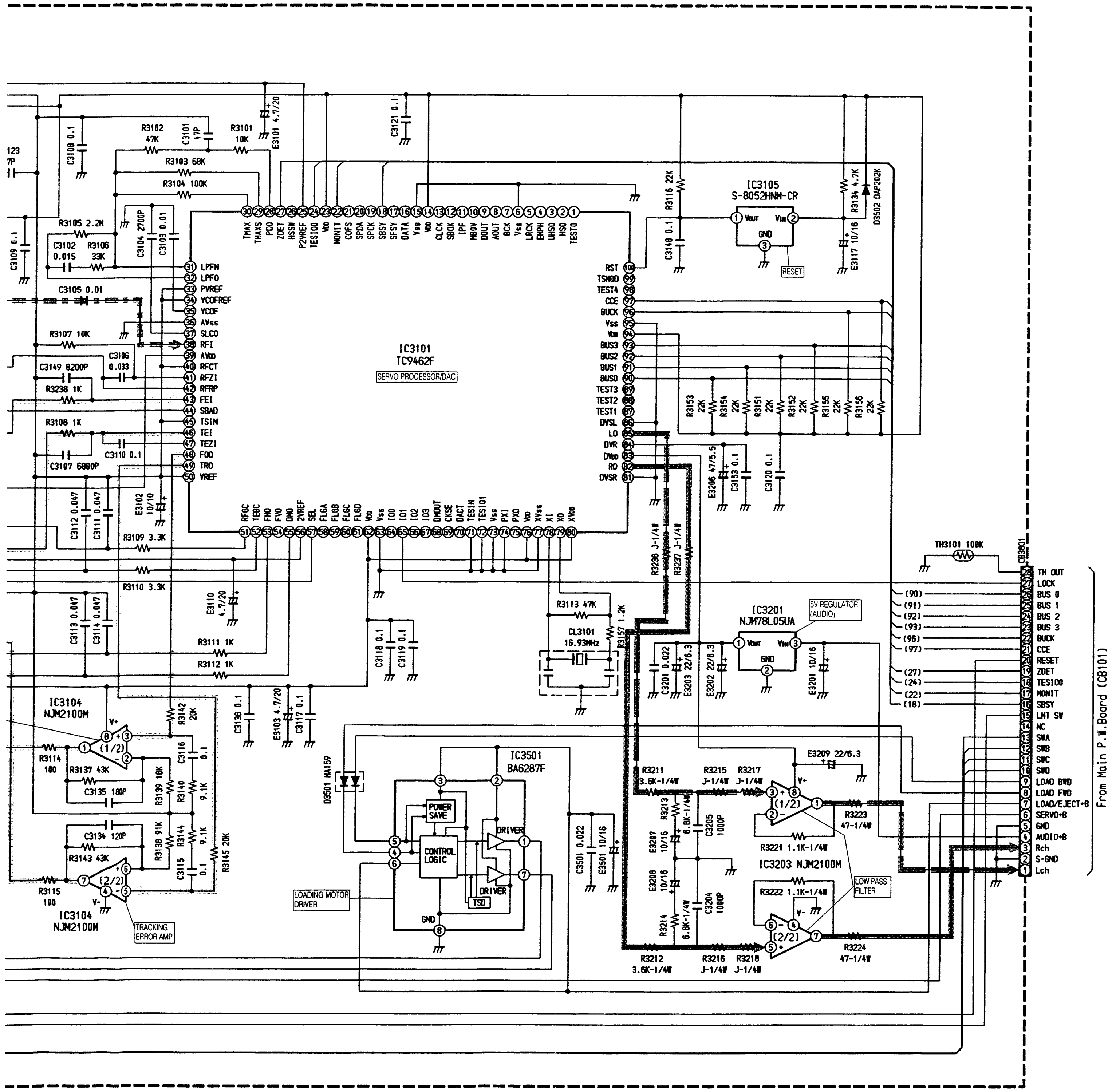
5


DP-S Main P.W.Board (●)
To Pick-Up Unit,EP21A610 (HD3101)
FOCS+
TRK+
TRK-
FOCS-
GND
Vcc
Vc
F
A+C
APC
Pm
GND
LD
B+D
E
CB3101
IC3102 TA2122FN
RF AMP & T/F ERROR AMP
PEAK
AGC AMP
PEAK BOTTOM
3 STAGE DET.
Q3102 2SB1132
AUTOMATIC LASER POWER CONTROL
LASER CONTROL SWITCHING
Q3103 DTC124EUA
Q3105 DTA124EUA
IC3101 TC9462F
SERVO PROCESSOR/DAC
IC3105 S-8052HNM-CR
RESET
D3502 DAP202K
IC3103 BA6791FP
T.S.D
LEVEL SHIFT
DRIVER MUTE
SERVO DRIVER
To FPC CONT P.W.Board
GND
LMTSW
PIC GND
SLD
SLD
SPDL
SPDL
CB3102
To DP-S Switch P.W.Board
GND
LOAD BWD
LOAD FWD
SWD
SWB
SWA
SWC
FOCUS ERROR AMP
IC3104 NJM2100M
5V REGULATOR (SERVO)
Q3101 2SB1132
TRACKING ERROR AMP
CL3101 16.93MHz
IC3201 NJM78L05UA
5V REGULATOR (AUDIO)
IC3501 BA6287F
POWER SAVE
CONTROL LOGIC
DRIVER
TSD
LOADING MOTOR DRIVER
D3501 MA159
IC3203 NJM2100M
LOW PASS FILTER
TH3101 100K
CB3201
TH OUT
LOCK
BUS 0
BUS 1
BUS 2
BUS 3
BUCK
CCE
RESET
ZDET
TES100
MONIT
SBSY
LMT SW
MC
SWA
SWB
SWC
SWD
LOAD BWD
LOAD FWD
LOAD/EJECT+B
SERVO+B
GND
AUDIO+B
Rch
S-GND
Lch
From Main P.W.Board (CB101)

■■ ■ ■■ CD Signal Line
▬▬▬ Rch Signal line
■ ■■ ■ Lch Signal Line
▨▨▨ Focus Error Signal Line
▨ ▨ Tracking Error Signal Line
Spindle Servo Signal Line
Sled Servo Signal Line

A | B | C | D | E | F | G | H |

NOTE:Refer to the Schematic Diagram (7/8)
for description not mentioned
in the Schematic Diagram (8/8).


IC3101
TC9462F
SERVO PROCESSOR/DAC
TMAX
TMAXS
PDO
ZDET
HSSW
P2VREF
TESIO0
VDD
MONIT
COFS
SPDA
SPCK
SBSY
SFSY
DATA
Vss
VDD
CLCK
SBOK
IPF
MBOV
DOUT
AOUT
BCK
Vss
LRCK
EMPH
UHSO
HSO
TEST0
LPFN
LPFO
PVREF
VCOFREF
VCOF
AVss
SLCO
RFI
AVDD
RFCT
RFZI
RFRP
FEI
SBAD
TSIN
TEI
TEZI
FOO
TRO
VREF
RST
TSMOD
TEST4
CCE
BUCK
Vss
VDD
BUS3
BUS2
BUS1
BUS0
TEST3
TEST2
TEST1
DVSL
LO
DVR
DVDD
RO
DVSR
RFGC
TEBC
FMO
FVO
DMO
2VREF
SEL
FLGA
FLGB
FLGC
FLGD
VDD
Vss
IO0
IO1
IO2
IO3
DMOUT
CKSE
DACT
TESIN
TESIO1
Vss
PXI
PXO
VDD
XVss
XI
XO
XVDD
R3102 47K
C3101 47P
R3101 10K
E3101 4.7/20
C3121 0.1
R3103 68K
R3104 100K
C3108 0.1
C3109 0.1
R3105 2.2M
C3102 0.015
R3106 33K
C3104 2700P
C3103 0.01
C3105 0.01
R3107 10K
C3106 0.033
C3149 8200P
R3238 1K
R3108 1K
C3110 0.1
C3107 6800P
C3112 0.047
C3111 0.047
E3102 10/10
R3109 3.3K
R3110 3.3K
E3110 4.7/20
C3113 0.047
C3114 0.047
R3111 1K
R3112 1K
IC3104
NJM2100M
R3114 180
R3137 43K
C3135 180P
R3139 18K
R3140 9.1K
C3116 0.1
R3142 20K
C3134 120P
R3143 43K
R3138 91K
R3144 9.1K
C3115 0.1
R3145 20K
R3115 180
IC3104
NJM2100M
TRACKING ERROR AMP
C3136 0.1
E3103 4.7/20
C3117 0.1
C3118 0.1
C3119 0.1
R3113 47K
CL3101 16.93MHz
R3157 1.2K
R3116 22K
C3148 0.1
IC3105
S-8052HNM-CR
VOUT
VIN
GND
RESET
R3134 4.7K
E3117 10/16
D3502 DAP202K
R3153 22K
R3154 22K
R3151 22K
R3152 22K
R3155 22K
R3156 22K
E3206 47/6.3
C3153 0.1
C3120 0.1
R3236 J-1/4W
R3237 J-1/4W
IC3201
NJM78L05UA
5V REGULATOR (AUDIO)
C3201 0.022
E3203 22/6.3
E3202 22/6.3
E3201 10/16
D3501 MA159
IC3501
BA6287F
POWER SAVE
CONTROL LOGIC
DRIVER
TSD
GND
LOADING MOTOR DRIVER
C3501 0.022
E3501 10/16
R3211 3.6K-1/4W
R3215 J-1/4W
R3217 J-1/4W
R3213 6.8K-1/4W
E3207 10/16
C3205 1000P
E3209 22/6.3
R3223 47-1/4W
R3221 1.1K-1/4W
IC3203 NJM2100M
E3208 10/16
R3214 6.8K-1/4W
C3204 1000P
R3222 1.1K-1/4W
R3212 3.6K-1/4W
R3216 J-1/4W
R3218 J-1/4W
R3224 47-1/4W
LOW PASS FILTER
TH3101 100K
CB3801
28 TH OUT
27 LOCK
26 BUS 0
25 BUS 1
24 BUS 2
23 BUS 3
22 BUCK
21 CCE
20 RESET
19 ZDET
18 TESIO0
17 MONIT
16 SBSY
15 LMT SW
14 NC
13 SWA
12 SWB
11 SWC
10 SWD
9 LOAD BWD
8 LOAD FWD
7 LOAD/EJECT+B
6 SERVO+B
5 GND
4 AUDIO+B
3 Rch
2 S-GND
1 Lch
(90)
(91)
(92)
(93)
(96)
(97)
(27)
(24)
(22)
(18)
From Main P.W.Board (CB101)

CD Signal Line
Rch Signal line
Lch Signal Line
Focus Error Signal Line
Tracking Error Signal Line
Spindle Servo Signal Line
Sled Servo Signal Line

● IC3101

1~5	NC	41, 42	2.6V	75	NC
6	0V	43	2.1V	76	5V
7~13	NC	44	2.5V	77	0V
14	5V	45	2.1V	78, 79	2.4V
15	0V	46	2.2V	80	5V
16, 17	NC	47~50	2.1V	81	0V
18	Digital Data or Clock	51	0.63V	82	2.6V
19~21	NC	52	2.3V	83	5V
22	Digital Data or Clock	53	2.1V	84	2.5V
23	5V	54	NC	85	2.6V
24	0V	55	2.3V	86	0V
25	4.3V	56	4.3V	87~89	NC
26	NC	57	5V	90~93	Digital Data or Clock
27	0V	58~61	NC	94	5V
28~34	2.1V	62	5V	95	0V
35	1.4V	63	0V	96, 97	5V
36	0V	64	NC	98, 99	NC
37, 38	2.1V	65	0V	100	5V
39	5V	66~70	NC		
40	2.1V	71~74	0V		

● IC3102

1	5.1V	16	0V
2~5	2.1V	17	NC
6	0V	18~21	2.1V
7	NC	22	2.6V
8	0V	23	2.1V
9	2.3V	24	NC
10	4.3V	25	2.1V
11	NC	26	0.92V
12	2.1V	27	2.1V
13	2.2V	28	3.1V
14	2.5V	29	2.1V
15	5.1V	30	0V

● IC3103

1, 2	3.5V	14~16	2.1V
3	2.1V	17, 18	3.5V
4	NC	19	2.1V
5	6.2V	20	NC
6, 7	5V	21, 22	6.9V
8	0V	23	2.1V
9	NC	24	NC
10	2.3V	25	2V
11	3.8V	26	3.3V
12	3.2V	27	3.7V
13	0V	28	0V

● IC3104

1~3	2.1V
4	0V
5~7	2.1V
8	5V

● IC3105

1, 2	5V
3	0V

● IC3201

1	5V
2	0V
3	8V

● IC3203

1~3	2.6V
4	0V
5~7	2.6V
8	5V

● IC3501

1	0.2V
2, 3	6.9V
4, 5	0V
6	6.9V
7, 8	0V

	E	C	B
● Q3101	6.9V	5V	6.2V
● Q3102	4.4V	2.6V	3.7V
● Q3103	0V	2.5V	0V
● Q3105	5V	0V	5V

[Measuring Conditions]
- Power Supply Voltage : DC14.4V
- Measuring Meter : Digital Multi Voltmeter
- Measuring Point Reference : Between GND
- Measuring Conditions : CD : Be playing back the Music Disc.

NOTE: ● : For CDA-7850R Model Only,
Others : Common.

NOTE:
1. All resistance values are in ohms. K = 1,000
2. All capacitance values are in microfarads. $P = \frac{1}{1,000,000}$

Description of IC Terminal (Only Difference)

NOTE : Refer to the Service Manual • TDA-7572R/ TDA- 7570R (Part No. 68E30104S01) for description not mentioned in this manual.

D784218GC : IC501

No.	Symbol	I/O	Terminal Description
1	SW-C	I	Input terminal of DISC insert detection signal.
2	SW-D	I	Input terminal of DISC insert detection signal.
3	LOAD BWD	O	Outpur terminal of loading motor reverse drive signal.
4	LOAD FWD	O	Output terminal of loading motor forward drive signal.
5	0 MUTE DET	O	Output terminal of mute detection signal.
6	LSI RST	O	Output terminal of reset signal to degital servo IC.
7	CCE	O	Output terminal of chip select signal to digital servo IC.
8	BUCK	O	Output terminal of clock signal to digital servo IC.
9	V_{DD}	—	Power supply terminal.
10	X2	—	Crystal connect terminal of System Clock (12.288MHz).
11	X1		
12	V_{SS}	—	GND terminal.
13	NC	—	No connect terminal.
14	V_{SS}	—	V_{SS} terminal.
15	RESET	I	Input terminal of System reset.
16	BAT-DET	I	Input terminal of BATT detection signal.
17	ACC-DET	I	Input terminal of ACC detection signal.
18	SBSY (CD-TEXT)	I	Input terminal of CD-TEXT detection signal.
19	BUS-IN	I	Input terminal of Ai-NET BUS-DATA signal.
20	BUS-OUT	O	Output terminal of Ai-NET BUS-DATA signal.
21	SW-A	I	Input terminal of DISC insert detection signal.
22	SW-B		
23	AV_{DD}	—	Analog power terminal of A/ D Converter.
24	$AV_{REF}0$	—	Standard voltage input terminal of A/ D Converter.
25	TH-OUT	I	Input terminal of temperature sensor signal from CD.
26	NOSE-ON	I	Input terminal of NOSE signal.
27	GND	—	GND terminal.
28	AUDIO LEVEL	I	Input terminal of AUDIO LEVEL.
29	GND	—	GND terminal.
≀			
31			
32	AREA	I	Input terminal of AREA discriminate signal.
33	AV_{SS}	—	GND terminal of A/ D Converter.
34	NC	—	No connect terminal.
35	DTS CE	O	Output terminal of Chip enable signal to DTS µ-COM.
36	$AV_{REF}1$	—	Standard voltage input terminal of D/ A Converter.
37	DTS STS	I	Input terminal of system status signal from DTS µ-COM.

No.	Symbol	I/O	Terminal Description
38	DTS CMD	O	Output terminal of serial data signal to DTS μ-COM.
39	DTS CLK	O	Output terminal of serial clock signal to DTS μ-COM.
40	MONIT (TEXT-DATA)	I	Input terminal of CD-TEXT data signal.
41	GND	—	GND terminal.
42	TESIO 0 (TEXT CLK)	O	Output terminal of CD-TEXT clock signal
43	DTS MUTE	I	Input terminal of MUTE signal from DTS μ-COM.
44	LCD-RST	O	Output terminal of RESET signal to LCD DRIVER.
45	LCD-DO	I	Input terminal of serial data signal from LCD DRIVER (LC75883).
46	LCD-DI	O	Output terminal of chip enable signal to LCD DRIVER.
47	LCD-CLK	O	Output terminal of serial clock signal to LCD DRIVER.
48	LCD-CE	O	Output terminal of serial data signal to LCD DRIVER.
49	NC	—	No connect terminal.
50			
51	IN DIMMER	I	Input terminal of DIMMER control signal.
52	NC	—	No connect terminal.
53			
54	IN-INT	I	Input terminal of IN-INTERRUPT.
55	LIMIT SW2	I	Input terminal of loading NOSE limit signal.
56	LIMIT SW1		
57	NC (PULL UP)	—	Pull up terminal.
58	MOTOR REV	O	Output terminal of motor control signal to loading NOSE open/close.
59	MOTOR FOR		
60	DOOR LED	O	Output terminal of LED control signal to DOOR.
61	NC	—	No connect terminal.
≀			
63			
64	EV-DATA	O	Output terminal of serial data signal to Electric Volume.
65	EV-CLK	O	Output terminal of serial clock signal to Electric Volume.
66	○ BBE-1	O	Control output terminal of BBE (BBE).
	● NC	—	No connect terminal.
67	○ BBE-2	O	Control output terminal of BBE (PROCESS).
	● NC	—	No connect terminal.
68	○ BBE-3	O	Control output terminal of BBE (LO CONT).
	● NC	—	No connect terminal.
69	○ NC	—	No connect terminal.
	● NFP-1	O	Output terminal of control signal to NFP.
70	○ NC	—	No connect terminal.
	● NFP-2	O	Output terminal of control signal to NFP.
71	MUTE	O	AUDIO MUTE signal output terminal.
72	V_{SS}	—	GND terminal.
73	MOTOR-CONT	O	Output terminal of unison motor power control signal.

No.	Symbol	I/O	Terminal Description
74	CD CE	O	Output terminal of latch signal for auto adjustment monitor.
75	CD CLK	O	Output terminal of serial clock signal for auto adjustment monitor.
76	CD DATA	O	Output terminal of serial data signal for auto adjustment monitor.
77 ≀ 80	NC	—	No connect terminal.
81	V_{DD}	—	Power supply terminal.
82	PWR IC-ON	O	Output terminal of stand-by control signal to Power IC.
83	NOSE-PWR	O	Output terminal of power control signal to LCD DRIVER.
84	NC	—	No connect terminal.
85	PWR-CONT	O	Output terminal of power control signal to AUDIO and Key lighting.
86	NC (PULL UP)	—	Pull up terminal.
87	DIMMER-CONT	O	Output terminal of control signal (PWM) to DIMMER.
88	BUZZER	O	Output terminal of gide tone buzzer signal.
89	L-CONT	O	Output terminal of interface pull-up control signal.
90	V-CONT	O	Output terminal of power supply control signal.
91	REMOCON	I	Remote Control data input terminal.
92	○ SUB-W EV CLK	O	Output terminal of serial clock signal to SUB-W electric volume.
	● NC	—	No connect terminal.
93	○ SUB-W EV DATA	O	Output terminal of serial data signal to SUB-W electric volume.
	● NC	—	No connect terminal.
94	V_{PP}	—	GND terminal.
95	BUS3	I/O	Input/Output terminal of parallel data.
96	BUS2		
97	BUS1		
98	BUS0		
99	LOCK	I	Input terminal of LOCK status signal.
100	LIMIT-SW	I	Input terminal of inner limit detection signal.

NOTE : ○ : For CDA-7852R Model Only, ● : For CDA-7850R Model Only, Others : Common.

Electrical Parts List

Capacitor : μF=microfarads,pF=picofarads

Abbreviations

RES.= Resistor
C.F.= Carbon Film
M.F.= Metal Film
M.O.= Metal OxideFilm
M.P.= Metal Plate
TR. = Transistor
TRANS.= Transformer
CP. = Chip

CAP.= Capacitor
ELY.= Electrolytic
CER.= Ceramic
MYL.= Mylar
TAN.= Tantalum
POLY.= Polystyrol
PP. = Polypropylene
PLT.= Polyethylene
PF. = Polyester Film

	Symbol No.	Part No.	Description
	Main P.W.Board		
	IC's		
	IC001	51T15731W10	TC7S66F-TE85L -CP
	IC002	51T93332F01	IC,NJM2903M-TE3 -SE2
	IC004	51T93333F01	NJM2904M-TE3 -SE2
	IC005	51T15132Y02	SAA6588T -SE9
	IC101	51T15510W01	IC ,MC34063AML -SPD
○	IC180	51T90149F03	IC,M5218AFP-TE3-SE02
	IC202	51T15404Y01	TDA7461D -SEC
○	IC203	51T15468Y02	NJM2150AV-TE1 -SE2
○	IC205	51T15168Y01	TEA6324T-A -SE9
●	IC206	51T15456Y01	TC74HC4066AFT-EL-SE5
○	IC290	51T90149F03	IC,M5218AFP-TE3-SE02
	IC301	51T15021Y01	TDA7386 -ZS
	IC332	51T90149F03	IC,M5218AFP-TE3-SE02
	IC501	51T25523Y02	IC,D784218GC-020 -QT
	IC502	51T15161Y02	IC,MB89689PF-G110-QT
	IC503	51T25160Y01	M24C04-WMN6T -SE2
	IC801	51T25283Y01	TDA3616T -SE9
	IC802	51T90149F03	IC,M5218AFP-TE3-SE02
	IC804	51T93332F01	IC,NJM2903M-TE3 -SE2
	IC810	51T25448Y01	BA6219BFP-Y-E2 -SE9
	Transistors		
	Q002	48T62967F09	TR,DTC114TKA-T146-CP
	Q003	48T45594W12	TR ,XN1A312 -TX-CP
	Q005	48T45594W08	TR ,XN1212 -TX-CP
	Q010	48T45594W16	TR,XN1A311-TX -CP
	Q101	48T52437F05	TR ,2SB709A-S /TX-CP
	Q102	48T64222F02	TR ,UN2212 22-22 -TX
	Q103	48T45594W12	TR ,XN1A312 -TX-CP
	Q104	48T15511W02	CP.2SB1261-TE2 -E5
	Q105	48T45594W12	TR ,XN1A312 -TX-CP
●	Q202	48T45594W08	TR ,XN1212 -TX-CP
○	Q331	48T25317Y01	TR,XN0F256-TX -CP
	Q332	48T25317Y01	TR,XN0F256-TX -CP
	Q333	48T25317Y01	TR,XN0F256-TX -CP
	Q501	48T64221F11	TR,UN211L-TX -CP
	Q502	48T64222F02	TR ,UN2212 22-22 -TX
	Q601	48T64221F11	TR,UN211L-TX -CP
	Q602	48T64222F02	TR ,UN2212 22-22 -TX
	Q603	48T64222F02	TR ,UN2212 22-22 -TX
	Q604	48T64222F01	TR ,UN2211 10-10 -TX
	Q605	48T64222F01	TR ,UN2211 10-10 -TX
	Q606	48T64222F01	TR ,UN2211 10-10 -TX
	Q607	48T52437F05	TR ,2SB709A-S /TX-CP
	Q645	48T64222F01	TR ,UN2211 10-10 -TX
	Q801	48T84366F03	TR,2SB1243-Q-TV2 -RD
	Q802	48T64222F11	TR,UN221F-TX -CP
	Q803	48T45594W12	TR ,XN1A312 -TX-CP
	Q804	48T45594W12	TR ,XN1A312 -TX-CP
	Q806	48T93828F04	TR,2SD1994A-S-TA -RD
	Q807	48T93828F04	TR,2SD1994A-S-TA -RD
	Q808	48T45594W12	TR ,XN1A312 -TX-CP
	Q809	48T69176F02	TR ,2SC3421-Y
	Q810	48T52438F04	TR ,2SD601A-S /TX-CP
	Q812	48T64221F13	TR,UN211H-TX -CP
	Q813	48T52437F05	TR ,2SB709A-S /TX-CP
	Q814	48T64222F01	TR ,UN2211 10-10 -TX
	Q816	48T84366F03	TR,2SB1243-Q-TV2 -RD
	Q817	48T64221F13	TR,UN211H-TX -CP
	Q819	48T64222F12	TR,UN221L-TX -CP
	Q820	48T64222F02	TR ,UN2212 22-22 -TX
	Q821	48T52437F05	TR ,2SB709A-S /TX-CP
	Q822	48T52438F04	TR ,2SD601A-S /TX-CP
	Q823	48T64221F02	TR ,UN2112 22-22 -TX
	Q825	48T45594W12	TR ,XN1A312 -TX-CP
	Q826	48T64222F02	TR ,UN2212 22-22 -TX
	Q828	48T45594W12	TR ,XN1A312 -TX-CP
	Q830	48T45594W08	TR ,XN1212 -TX-CP
	Q840	48T93828F04	TR,2SD1994A-S-TA -RD
	Q870	48T92368F04	TR,2SD1760 R -E5
	Q871	48T52438F04	TR ,2SD601A-S /TX-CP
	Q872	48T93828F04	TR,2SD1994A-S-TA -RD
	Diodes		
	D001	48T15437Y01	DIO,HSM123-TL -CP
	D101	48T85269W02	DIO,SHT SB040 -H5
	D241	48T75404W01	DIO,1SS353-TE17 -CP
○	D331	48T25651W01	DIO,CP MA152WA

NOTE : ○ : For CDA-7852R Model Only, ● : For CDA-7850R Model Only, Others : Common.

Symbol No.	Part No.	Description
D332	48T25651W01	DIO,CP MA152WA
D333	48T25651W01	DIO,CP MA152WA
D501	48T75404W01	DIO,1SS353-TE17 -CP
D601	48T25651W02	DIO,MA152WK-TX -CP
D602	48T25651W02	DIO,MA152WK-TX -CP
D801	48T68580F03	DIO,SI DSA3A4-F5
D802	48T75404W01	DIO,1SS353-TE17 -CP
D803	48T15658Y02	DIO,1A4 -R5
D804	48T85357W01	DIO,1PS226 -CP
D806	48T68828F11	DIO,1SS133 -RH
D807	48T25651W01	DIO,CP MA152WA
D808	48T25651W02	DIO,MA152WK-TX -CP
D810	48T15658Y02	DIO,1A4 -R5
D811	48T81063F01	DIO,CP.MA159 / TX-CP
ZD241	48T25801W08	DIO,ZEN.HZS 4BLL -R5
ZD801	48T25766W14	DIO,ZEN.HZS 7B2L -R5
ZD802	48T25766W29	DIO,ZEN.HZS11A3L -R5
ZD803	48T25766W24	DIO,ZEN.HZS 9C1L -R5
ZD804	48T25766W03	DIO,ZEN.HZS 6A3L -R5
ZD805	48T25766W39	DIO,ZEN.HZS12B1L -R5
ZD806	48T25801W08	DIO,ZEN.HZS 4BLL -R5
ZD871	48T25766W04	DIO,ZEN.HZS 6B1L -R5
Coils		
L001	24T65172W17	IND,LEM4532 4R7K -E2
L002	24T16403W29	COI,IND.15R-M -CP
L010	24T16403W15	COI,IND.1R0-M K -CP
L011	24T16403W15	COI,IND.1R0-M K -CP
L012	24T16403W07	COI,IND.R22-M K -CP
L013	24T16403W15	COI,IND.1R0-M K -CP
L101	24T16271W13	COIL,RCR875D-221K
L801	25T25663Y01	CHOKE,LAT1608-105-DB
VT001	24T15267Y01	COIL,7TL -DB
Crystals		
XL001	91T85169W18	XTL,HC-49 4.332M -R5
XL501	91T95084W02	XTL,CS20 12.288M -E9
XL502	91T85169W44	XTL,HC-49 7.3728M-R5
LED's		
LD601	48T65477W05	LED,SML-010DTT87 -CP(ORG)
LD602	48T65477W05	LED,SML-010DTT87 -CP(ORG)

	Symbol No.	Part No.	Description
Buzzer			
	BZ601	50T85541W01	BUZZER,CD11PA-XZ -H5
Filter			
	CF001	91T75257W02	LPF,LPF11830KH-3C-DB
Surge Protector			
	DSP001	48T70875F02	PTT,DSP-201M
Switch			
	SW332	40T45282W02	SW,SLIDE SLD-42-508X (Ai-NET NORM/(EQ/DIV))
Capacitors			
	C002	08T15399W01	CAP,CER.223K-B1H -CP
	C003	08S65128F67	CAP,CER.682K-B1H -CP
	C004	08S82122F53	CAP,CER.471J-CH1H-CP
	C007	08T15399W01	CAP,CER.223K-B1H -CP
	C008	08S35374W01	CAP,CER 104K-B1E-CP
	C009	08S82122F37	CAP,CER.101J-CH1H-CP
	C011	08T15399W01	CAP,CER.223K-B1H -CP
	C012	08T15399W01	CAP,CER.223K-B1H -CP
	C016	08S65128F61	CAP,CER.222K-B1H -CP
	C018	08S45677W48	CAP,CER.331J-CH1H-CP
	C019	08S45677W36	CAP,CER.101J-CH1H-CP
	C020	08S65128F69	CAP,CER.103K-B1H -CP
	C025	08S82122F24	CAP,CER.30RJ-CH1H-CP
	C026	08S82122F23	CAP,CER.27RJ-CH1H-CP
	C028	08S65128F61	CAP,CER.222K-B1H -CP
	C030	08S45677W54	CAP,CER 561J-CH1H-CP
	C100	08S82122F61	CAP,CER.102J-CH1H-CP
	C101	08T15399W01	CAP,CER.223K-B1H -CP
	C102	08S45677W38	CAP,CER 121J-CH1H-CP
	C103	08T15399W01	CAP,CER.223K-B1H -CP
	C104	08T15399W01	CAP,CER.223K-B1H -CP
	C105	08T15399W01	CAP,CER.223K-B1H -CP
	C108	08S65128F69	CAP,CER.103K-B1H -CP
	C109	08S82122F61	CAP,CER.102J-CH1H-CP
○	C180	08S45677W32	CAP,CER.68RJ-CH1H-CP
○	C181	08S45677W32	CAP,CER.68RJ-CH1H-CP

NOTE : ○ : For CDA-7852R Model Only, Others : Common.

Symbol No.	Part No.	Description
○ C182	08S45677W32	CAP,CER.68RJ-CH1H-CP
○ C183	08S45677W32	CAP,CER.68RJ-CH1H-CP
C205	08S35374W01	CAP,CER 104K-B1E-CP
C206	08S82122F61	CAP,CER.102J-CH1H-CP
C207	08S35374W01	CAP,CER 104K-B1E-CP
C208	08T15399W04	CAP,CER.273K-B1H -CP
C209	08S65128F65	CAP,CER.472K-B1H -CP
C210	08S82122F37	CAP,CER.101J-CH1H-CP
C212	08S35374W01	CAP,CER 104K-B1E-CP
C213	08S35374W01	CAP,CER 104K-B1E-CP
C214	08S35374W01	CAP,CER 104K-B1E-CP
○ C231	08T55390W11	CAP,PF 332J-1H -R5
○ C232	08T55390W11	CAP,PF 332J-1H -R5
○ C233	08T55390W23	CAP,TF 333J-1H -R5
○ C234	08T55390W23	CAP,TF 333J-1H -R5
C241	08S82122F33	CAP,CER.68RJ-CH1H-CP
○ C251	08T15399W02	CAP,CER.333K-B1H -CP
○ C252	08T15399W02	CAP,CER.333K-B1H -CP
○ C253	08S65128F66	CAP,CER.562K-B1H -CP
○ C254	08S65128F66	CAP,CER.562K-B1H -CP
○ C255	08S65128F69	CAP,CER.103K-B1H -CP
○ C291	08S82122F33	CAP,CER.68RJ-CH1H-CP
○ C292	08S82122F33	CAP,CER.68RJ-CH1H-CP
C305	08S82122F61	CAP,CER.102J-CH1H-CP
C308	08S82122F61	CAP,CER.102J-CH1H-CP
○ C311	08S82122F61	CAP,CER.102J-CH1H-CP
C337	08S45677W32	CAP,CER.68RJ-CH1H-CP
C338	08S45677W32	CAP,CER.68RJ-CH1H-CP
C339	08S45677W32	CAP,CER.68RJ-CH1H-CP
C340	08S45677W32	CAP,CER.68RJ-CH1H-CP
C501	08S82122F15	CAP,CER.12RJ-CH1H-CP
C502	08S82122F17	CAP,CER.15RJ-CH1H-CP
C503	08T15399W01	CAP,CER.223K-B1H -CP
C504	08S82122F19	CAP,CER.18RJ-CH1H-CP
C505	08S82122F19	CAP,CER.18RJ-CH1H-CP
C506	08T15399W01	CAP,CER.223K-B1H -CP
C507	08S65128F69	CAP,CER.103K-B1H -CP
C508	08T15399W01	CAP,CER.223K-B1H -CP
C601	08T15399W01	CAP,CER.223K-B1H -CP
C602	08S35374W01	CAP,CER 104K-B1E-CP
C603	08S65128F61	CAP,CER.222K-B1H -CP
C604	08S45677W36	CAP,CER.101J-CH1H-CP
C605	08T15399W04	CAP,CER.273K-B1H -CP
C607	08T15399W04	CAP,CER.273K-B1H -CP
C802	08T15399W01	CAP,CER.223K-B1H -CP
C804	08T55487W02	CAP,CER.224K-B1C -CP
C807	08S82122F61	CAP,CER.102J-CH1H-CP
C808	08S45677W36	CAP,CER.101J-CH1H-CP
C809	08S45677W22	CAP,CER.27RJ-CH1H-CP

Symbol No.	Part No.	Description
C830	08T15399W01	CAP,CER.223K-B1H -CP
C831	08T55390W34	CAP,TF 274J-1H -R5
C870	08T15399W01	CAP,CER.223K-B1H -CP
C871	08T95466W01	CAP,CER 222K-B2J -CP
C874	08T95466W01	CAP,CER 222K-B2J -CP
E001	23S75372W04	CAP,ELY 10R-1C -R2
E002	23S75372W15	CAP,ELY 1R0-1H -R2
E003	23S75372W12	CAP,ELY R33-1H -R2
E006	23S75372W17	CAP,ELY 3R3-1H -R2
E007	23S75372W04	CAP,ELY 10R-1C -R2
E009	23S75372W04	CAP,ELY 10R-1C -R2
E010	23S75372W16	CAP,ELY 2R2-1H -R2
E020	23S75372W04	CAP,ELY 10R-1C -R2
E101	23S75372W08	CAP,ELY 101-1C -H2
E102	23T55378W03	CAP,KMG 471-1A -R2
○ E180	23S75372W04	CAP,ELY 10R-1C -R2
E181	23S75372W04	CAP,ELY 10R-1C -R2
E182	23S75372W04	CAP,ELY 10R-1C -R2
○ E183	23S75372W04	CAP,ELY 10R-1C -R2
E201	23S75372W04	CAP,ELY 10R-1C -R2
E207	23S75372W04	CAP,ELY 10R-1C -R2
E208	23S75372W09	CAP,ELY 4R7-1V -R2
○ E209	23S75372W17	CAP,ELY 3R3-1H -R2
○ E210	23S75372W17	CAP,ELY 3R3-1H -R2
○ E213	23S75372W17	CAP,ELY 3R3-1H -R2
○ E214	23S75372W17	CAP,ELY 3R3-1H -R2
E215	23S75372W15	CAP,ELY 1R0-1H -R2
E216	23S75372W05	CAP,ELY 22R-1C -R2
○ E231	23S75372W04	CAP,ELY 10R-1C -R2
○ E232	23S75372W05	CAP,ELY 22R-1C -R2
○ E234	23S75372W04	CAP,ELY 10R-1C -R2
○ E235	23S75372W04	CAP,ELY 10R-1C -R2
E241	23S75372W04	CAP,ELY 10R-1C -R2
E242	23S75372W04	CAP,ELY 10R-1C -R2
E243	23S75372W16	CAP,ELY 2R2-1H -R2
○ E251	23S75372W05	CAP,ELY 22R-1C -R2
○ E252	23S75372W05	CAP,ELY 22R-1C -R2
○ E253	23S75372W05	CAP,ELY 22R-1C -R2
○ E254	23S75372W14	CAP,ELY R68-1H -R2
○ E255	23S75372W14	CAP,ELY R68-1H -R2
○ E261	23S75372W04	CAP,ELY 10R-1C -R2
E301	23T95115W01	CAP,AD R33-1H -R2
E302	23T95115W01	CAP,AD R33-1H -R2
E303	23T95115W01	CAP,AD R33-1H -R2
E304	23T95115W01	CAP,AD R33-1H -R2
E305	23T55378W12	CAP,KMG.1R0-1H -R2
E306	23T95115W02	CAP,AD 1R0-1H -R2
E307	23T55378W06	CAP,KMG 47R-1V -R2
E333	23S75372W16	CAP,ELY 2R2-1H -R2

NOTE : ○ : For CDA-7852R Model Only, Others : Common.

Symbol No.	Part No.	Description
E334	23S75372W16	CAP,ELY 2R2-1H -R2
E335	23S75372W16	CAP,ELY 2R2-1H -R2
E336	23S75372W16	CAP,ELY 2R2-1H -R2
E345	23S75372W16	CAP,ELY 2R2-1H -R2
E346	23S75372W16	CAP,ELY 2R2-1H -R2
E347	23S75372W16	CAP,ELY 2R2-1H -R2
E348	23S75372W16	CAP,ELY 2R2-1H -R2
○ E349	23S75372W16	CAP,ELY 2R2-1H -R2
○ E350	23S75372W16	CAP,ELY 2R2-1H -R2
E501	23S75372W03	CAP,ELY 221-1A -H2
E502	23S75372W03	CAP,ELY 221-1A -H2
E503	23S75372W05	CAP,ELY 22R-1C -R2
E504	23S65134W32	CAP,ELY 22R-1C(5)-E3
E601	23S75372W04	CAP,ELY 10R-1C -R2
E801	23T75346W03	CAP,X-PRO 332-1C +
E802	23S75372W10	CAP,ELY R10-1H -R2
E803	23S75372W13	CAP,ELY R47-1H -R2
E806	23S65134W72	CAP,ELY 3R3-1H(4)-E2
E807	23S75372W07	CAP,ELY 47R-1C -R2
E808	23S75372W05	CAP,ELY 22R-1C -R2
E809	23S75372W03	CAP,ELY 221-1A -H2
E811	23S75372W05	CAP,ELY 22R-1C -R2
E812	23S75372W07	CAP,ELY 47R-1C -R2
E813	23S75372W07	CAP,ELY 47R-1C -R2
E814	23S75372W07	CAP,ELY 47R-1C -R2
E815	23S75372W07	CAP,ELY 47R-1C -R2
E817	23S75372W05	CAP,ELY 22R-1C -R2
E818	23S75372W04	CAP,ELY 10R-1C -R2
E821	23S75372W04	CAP,ELY 10R-1C -R2
E822	23S75372W04	CAP,ELY 10R-1C -R2
E823	23S65134W31	CAP,ELY 10R-1C(4)-E2
E870	23S75372W03	CAP,ELY 221-1A -H2
E871	23S75372W03	CAP,ELY 221-1A -H2
E872	23S75372W04	CAP,ELY 10R-1C -R2
Resistors		
L501	06T75434W26	RES,RK JUMPER 1/4-CP
L502	06T75432W50	RES,RK JUMPER1/10-CP
R001	06S70072F05	RES,CP .10R-J-1/4-CP
R003	06T75431W89	RES,RK 183J 1/10 -CP
R004	06T75431W93	RES,RK 273J 1/10 -CP
R005	06T75432W40	RES,RK 225J 1/10 -CP
R006	06T75431W59	RES,RK 102J 1/10 -CP
R007	06T75431W59	RES,RK 102J 1/10 -CP
R008	06T75431W59	RES,RK 102J 1/10 -CP
R009	06T75431W83	RES,RK 103J 1/10 -CP
R010	06T75432W16	RES,RK 224J 1/10 -CP

Symbol No.	Part No.	Description
R011	06T75432W08	RES,RK 104J 1/10 -CP
R012	06T75431W91	RES,RK 223J 1/10 -CP
R013	06T75431W77	RES,RK 562J 1/10 -CP
R014	06T75431W91	RES,RK 223J 1/10 -CP
R015	06T75431W79	RES,RK 682J 1/10 -CP
R016	06T75431W74	RES,RK 432J 1/10 -CP
R017	06T75432W10	RES,RK 124J 1/10 -CP
R018	06T75431W99	RES,RK 473J 1/10 -CP
R019	06T75431W99	RES,RK 473J 1/10 -CP
R021	06T25277Y90	RES,RK 243J 1/16 -CP
R022	06T25277Y89	RES,RK 223J 1/16 -CP
R023	06T75431W83	RES,RK 103J 1/10 -CP
R024	06T25277Y57	RES,RK 102J 1/16 -CP
R025	06T75432W16	RES,RK 224J 1/10 -CP
R026	06T75431W91	RES,RK 223J 1/10 -CP
R028	06T75431W53	RES,RK 561J 1/10 -CP
R031	06T75431W91	RES,RK 223J 1/10 -CP
R032	06T75432W50	RES,RK JUMPER1/10-CP
R033	06T75432W50	RES,RK JUMPER1/10-CP
R034	06T25277Y57	RES,RK 102J 1/16 -CP
R035	06T75432W50	RES,RK JUMPER1/10-CP
R036	06T25277Y43	RES,RK 271J 1/16 -CP
R037	06T25277Y43	RES,RK 271J 1/16 -CP
R038	06T25277Y57	RES,RK 102J 1/16 -CP
R040	06T75431W67	RES,RK 222J 1/10 -CP
R041	06T25278Y22	RES,RK 474J 1/16 -CP
R042	06T75431W59	RES,RK 102J 1/10 -CP
R103	06T75431W92	RES,RK 243J 1/10 -CP
R104	06T75431W70	RES,RK 302J 1/10 -CP
R105	06T75434W26	RES,RK JUMPER 1/4-CP
R106	06T25279Y04	RES,RK JUMPER1/16-CP
R107	06T75433W81	RES,RK 223J 1/4 -CP
R109	06T25279Y04	RES,RK JUMPER1/16-CP
R112	06T25277Y89	RES,RK 223J 1/16 -CP
R113	06T25277Y89	RES,RK 223J 1/16 -CP
R114	06T25277Y89	RES,RK 223J 1/16 -CP
R116	06T75432W50	RES,RK JUMPER1/10-CP
R118	06T25279Y04	RES,RK JUMPER1/16-CP
R119	06T75434W26	RES,RK JUMPER 1/4-CP
R122	06T25277Y97	RES,RK 473J 1/16 -CP
R135	06T75431W99	RES,RK 473J 1/10 -CP
R143	06T25279Y04	RES,RK JUMPER1/16-CP
R144	06T25279Y04	RES,RK JUMPER1/16-CP
● R147	06T25279Y04	RES,RK JUMPER1/16-CP
● R148	06T25279Y04	RES,RK JUMPER1/16-CP
R149	06T75434W26	RES,RK JUMPER 1/4-CP
R170	06T75433W25	RES,RK 101J 1/4 -CP
R171	06T75433W43	RES,RK 561J 1/4 -CP
R172	06T75433W43	RES,RK 561J 1/4 -CP

NOTE : ○ : For CDA-7852R Model Only, ● : For CDA-7850R Model Only, Others : Common.

Symbol No.	Part No.	Description
R173	06S15593Y65	RES,RK 472F 1/10 -CP
R174	06S15593Y81	RES,RK 223F 1/10 -CP
○ R180	06S15593Y75	RES,RK 123F 1/10 -CP
○ R181	06S15593Y77	RES,RK 153F 1/10 -CP
○ R182	06S15593Y77	RES,RK 153F 1/10 -CP
● R182	06T25277Y59	RES,RK 122J 1/16 -CP
○ R183	06S15593Y75	RES,RK 123F 1/10 -CP
● R183	06T25277Y71	RES,RK 392J 1/16 -CP
○ R184	06S15593Y75	RES,RK 123F 1/10 -CP
● R184	06T25277Y71	RES,RK 392J 1/16 -CP
○ R185	06S15593Y77	RES,RK 153F 1/10 -CP
● R185	06T25277Y59	RES,RK 122J 1/16 -CP
○ R186	06S15593Y77	RES,RK 153F 1/10 -CP
○ R187	06S15593Y75	RES,RK 123F 1/10 -CP
● R201	06T25279Y04	RES,RK JUMPER1/16-CP
● R202	06T25279Y04	RES,RK JUMPER1/16-CP
R215	06T75431W81	RES,RK 822J 1/10 -CP
R218	06T75431W97	RES,RK 393J 1/10 -CP
R219	06T75431W97	RES,RK 393J 1/10 -CP
R222	06T25278Y22	RES,RK 474J 1/16 -CP
R223	06T75433W49	RES,RK 102J 1/4 -CP
R224	06T75432W02	RES,RK 563J 1/10 -CP
R226	06T75432W02	RES,RK 563J 1/10 -CP
R227	06T25277Y57	RES,RK 102J 1/16 -CP
R228	06T25277Y57	RES,RK 102J 1/16 -CP
○ R231	06T75431W90	RES,RK 203J 1/10 -CP
○ R232	06T75431W90	RES,RK 203J 1/10 -CP
○ R233	06T75431W90	RES,RK 203J 1/10 -CP
○ R234	06T75431W90	RES,RK 203J 1/10 -CP
○ R235	06T75431W83	RES,RK 103J 1/10 -CP
○ R236	06T75431W83	RES,RK 103J 1/10 -CP
○ R237	06T75431W83	RES,RK 103J 1/10 -CP
R241	06T75432W08	RES,RK 104J 1/10 -CP
R242	06T75432W08	RES,RK 104J 1/10 -CP
R243	06T25277Y97	RES,RK 473J 1/16 -CP
R244	06T75431W69	RES,RK 272J 1/10 -CP
R245	06T75431W85	RES,RK 123J 1/10 -CP
R246	06T25279Y04	RES,RK JUMPER1/16-CP
R247	06T75431W99	RES,RK 473J 1/10 -CP
○ R253	06T25277Y57	RES,RK 102J 1/16 -CP
○ R254	06T25277Y57	RES,RK 102J 1/16 -CP
● R261	06T25277Y97	RES,RK 473J 1/16 -CP
● R262	06T25277Y97	RES,RK 473J 1/16 -CP
○ R291	06T75431W85	RES,RK 123J 1/10 -CP
○ R292	06T75431W85	RES,RK 123J 1/10 -CP
○ R297	06T75431W85	RES,RK 123J 1/10 -CP
○ R299	06T75431W85	RES,RK 123J 1/10 -CP
R301	06T75431W83	RES,RK 103J 1/10 -CP
● R303	06T25279Y04	RES,RK JUMPER1/16-CP

Symbol No.	Part No.	Description
○ R304	06T25279Y04	RES,RK JUMPER1/16-CP
● R305	06T25279Y04	RES,RK JUMPER1/16-CP
○ R306	06T25279Y04	RES,RK JUMPER1/16-CP
R307	06T25279Y04	RES,RK JUMPER1/16-CP
R308	06T75432W50	RES,RK JUMPER1/10-CP
R309	06T75432W50	RES,RK JUMPER1/10-CP
R310	06T75432W50	RES,RK JUMPER1/10-CP
○ R321	06T75431W69	RES,RK 272J 1/10 -CP
○ R322	06T75431W69	RES,RK 272J 1/10 -CP
R323	06T75431W69	RES,RK 272J 1/10 -CP
R324	06T75431W69	RES,RK 272J 1/10 -CP
R325	06T75431W69	RES,RK 272J 1/10 -CP
R326	06T75431W69	RES,RK 272J 1/10 -CP
R337	06S15593Y75	RES,RK 123F 1/10 -CP
R338	06S15593Y75	RES,RK 123F 1/10 -CP
R339	06S15593Y75	RES,RK 123F 1/10 -CP
R340	06S15593Y75	RES,RK 123F 1/10 -CP
R357	06T25277Y41	RES,RK 221J 1/16 -CP
R358	06T25277Y41	RES,RK 221J 1/16 -CP
R359	06T25277Y89	RES,RK 223J 1/16 -CP
R360	06T25277Y89	RES,RK 223J 1/16 -CP
R361	06T25277Y33	RES,RK 101J 1/16 -CP
R362	06T25277Y33	RES,RK 101J 1/16 -CP
R365	06T25277Y41	RES,RK 221J 1/16 -CP
R366	06T25277Y41	RES,RK 221J 1/16 -CP
R367	06T25277Y89	RES,RK 223J 1/16 -CP
R368	06T25277Y89	RES,RK 223J 1/16 -CP
R369	06T25277Y33	RES,RK 101J 1/16 -CP
R370	06T25277Y33	RES,RK 101J 1/16 -CP
○ R373	06T25277Y41	RES,RK 221J 1/16 -CP
○ R374	06T25277Y41	RES,RK 221J 1/16 -CP
○ R375	06T25277Y89	RES,RK 223J 1/16 -CP
○ R376	06T25277Y89	RES,RK 223J 1/16 -CP
○ R377	06T25277Y33	RES,RK 101J 1/16 -CP
○ R378	06T25277Y33	RES,RK 101J 1/16 -CP
R383	06T25277Y41	RES,RK 221J 1/16 -CP
R384	06T25277Y41	RES,RK 221J 1/16 -CP
R385	06T25277Y41	RES,RK 221J 1/16 -CP
R386	06T25277Y41	RES,RK 221J 1/16 -CP
R391	06S15593Y79	RES,RK 183F 1/10 -CP
R392	06S15593Y79	RES,RK 183F 1/10 -CP
R393	06S15593Y79	RES,RK 183F 1/10 -CP
R394	06S15593Y79	RES,RK 183F 1/10 -CP
R500	06T75431W59	RES,RK 102J 1/10 -CP
R501	06T75431W85	RES,RK 123J 1/10 -CP
R503	06T75431W59	RES,RK 102J 1/10 -CP
R504	06T75431W59	RES,RK 102J 1/10 -CP
R505	06T75431W59	RES,RK 102J 1/10 -CP
R506	06T75431W59	RES,RK 102J 1/10 -CP

NOTE : ○ : For CDA-7852R Model Only, ● : For CDA-7850R Model Only, Others : Common.

Symbol No.	Part No.	Description
R507	06T75431W59	RES,RK 102J 1/10 -CP
R511	06T75431W59	RES,RK 102J 1/10 -CP
R513	06T25277Y81	RES,RK 103J 1/16 -CP
R515	06T75431W59	RES,RK 102J 1/10 -CP
R516	06T75431W59	RES,RK 102J 1/10 -CP
R517	06T75431W59	RES,RK 102J 1/10 -CP
○ R518	06T25277Y77	RES,RK 682J 1/16 -CP
● R518	06T25277Y81	RES,RK 103J 1/16 -CP
○ R519	06T25277Y85	RES,RK 153J 1/16 -CP
● R519	06T25277Y81	RES,RK 103J 1/16 -CP
R520	06T25278Y06	RES,RK 104J 1/16 -CP
R521	06T75432W50	RES,RK JUMPER1/10-CP
R522	06T75431W62	RES,RK 132J 1/10 -CP
R525	06T25278Y22	RES,RK 474J 1/16 -CP
○ R526	06T75431W59	RES,RK 102J 1/10 -CP
○ R527	06T75431W59	RES,RK 102J 1/10 -CP
R528	06T75431W59	RES,RK 102J 1/10 -CP
R529	06T75431W99	RES,RK 473J 1/10 -CP
R530	06T75431W99	RES,RK 473J 1/10 -CP
R531	06T75434W14	RES,RK 474J 1/4 -CP
R533	06T75431W59	RES,RK 102J 1/10 -CP
R534	06T75431W59	RES,RK 102J 1/10 -CP
R535	06T75431W59	RES,RK 102J 1/10 -CP
R536	06T75431W83	RES,RK 103J 1/10 -CP
R537	06T75431W83	RES,RK 103J 1/10 -CP
R539	06T25277Y97	RES,RK 473J 1/16 -CP
R541	06T75431W59	RES,RK 102J 1/10 -CP
R542	06T75431W79	RES,RK 682J 1/10 -CP
R543	06T75431W83	RES,RK 103J 1/10 -CP
R544	06T75431W91	RES,RK 223J 1/10 -CP
R549	06T75431W59	RES,RK 102J 1/10 -CP
R550	06T75431W91	RES,RK 223J 1/10 -CP
R551	06T75431W75	RES,RK 472J 1/10 -CP
R552	06T25277Y57	RES,RK 102J 1/16 -CP
R553	06T75431W91	RES,RK 223J 1/10 -CP
R554	06T75431W83	RES,RK 103J 1/10 -CP
R555	06T75431W83	RES,RK 103J 1/10 -CP
R559	06T25277Y81	RES,RK 103J 1/16 -CP
R560	06T25277Y89	RES,RK 223J 1/16 -CP
R561	06T75433W33	RES,RK 221J 1/4 -CP
R570	06T75431W91	RES,RK 223J 1/10 -CP
R580	06T75432W08	RES,RK 104J 1/10 -CP
R601	06T75431W83	RES,RK 103J 1/10 -CP
R602	06T75431W99	RES,RK 473J 1/10 -CP
R603	06T75433W73	RES,RK 103J 1/4 -CP
R604	06T25277Y81	RES,RK 103J 1/16 -CP
R605	06T75433W49	RES,RK 102J 1/4 -CP
R606	06T75431W83	RES,RK 103J 1/10 -CP
R607	06T25277Y33	RES,RK 101J 1/16 -CP

Symbol No.	Part No.	Description
R608	06T25277Y65	RES,RK 222J 1/16 -CP
R609	06T25277Y69	RES,RK 332J 1/16 -CP
R610	06T25277Y81	RES,RK 103J 1/16 -CP
R611	06T75431W91	RES,RK 223J 1/10 -CP
R612	06T25277Y57	RES,RK 102J 1/16 -CP
R613	06T75433W13	RES,RK 33RJ 1/4 -CP
R614	06T75433W13	RES,RK 33RJ 1/4 -CP
R615	06T75433W13	RES,RK 33RJ 1/4 -CP
R616	06T75433W13	RES,RK 33RJ 1/4 -CP
R617	06T75433W13	RES,RK 33RJ 1/4 -CP
R618	06T75433W13	RES,RK 33RJ 1/4 -CP
R619	06T25277Y97	RES,RK 473J 1/16 -CP
R620	06T25277Y97	RES,RK 473J 1/16 -CP
R621	06T75431W91	RES,RK 223J 1/10 -CP
R622	06T75431W91	RES,RK 223J 1/10 -CP
R623	06T75431W91	RES,RK 223J 1/10 -CP
○ R633	06T25277Y57	RES,RK 102J 1/16 -CP
○ R634	06T25277Y57	RES,RK 102J 1/16 -CP
○ R635	06T25277Y57	RES,RK 102J 1/16 -CP
● R636	06T25277Y57	RES,RK 102J 1/16 -CP
● R637	06T25277Y57	RES,RK 102J 1/16 -CP
R638	06T25277Y57	RES,RK 102J 1/16 -CP
R655	06T75433W34	RES,RK 241J 1/4 -CP
R801	06T75433W82	RES,RK 243J 1/4 -CP
R802	06T75433W55	RES,RK 182J 1/4 -CP
R803	06T75433W55	RES,RK 182J 1/4 -CP
R804	06T75433W55	RES,RK 182J 1/4 -CP
R805	06T75433W55	RES,RK 182J 1/4 -CP
R806	06T75433W65	RES,RK 472J 1/4 -CP
R807	06T75433W65	RES,RK 472J 1/4 -CP
R808	06T25277Y57	RES,RK 102J 1/16 -CP
R809	06T75433W73	RES,RK 103J 1/4 -CP
R811	06T75431W59	RES,RK 102J 1/10 -CP
R813	06T75433W33	RES,RK 221J 1/4 -CP
R814	06T75434W23	RES,RK 5R6J 1/4 -CP
R815	06T75433W39	RES,RK 391J 1/4 -CP
R817	06T75434W22	RES,RK 2R2J 1/4 -CP
R818	06T75434W22	RES,RK 2R2J 1/4 -CP
R819	06T75433W41	RES,RK 471J 1/4 -CP
R820	06T75431W60	RES,RK 112J 1/10 -CP
R821	06T75431W60	RES,RK 112J 1/10 -CP
R822	06T75431W60	RES,RK 112J 1/10 -CP
R823	06T75431W60	RES,RK 112J 1/10 -CP
R824	06T75433W65	RES,RK 472J 1/4 -CP
R831	06T25277Y69	RES,RK 332J 1/16 -CP
R832	06T75433W49	RES,RK 102J 1/4 -CP
R833	06T75433W73	RES,RK 103J 1/4 -CP
R837	06T75431W92	RES,RK 243J 1/10 -CP
R838	06T75433W55	RES,RK 182J 1/4 -CP

NOTE : ○ : For CDA-7852R Model Only, ● : For CDA-7850R Model Only, Others : Common.

	Symbol No.	Part No.	Description
	R839	06T75433W55	RES,RK 182J 1/4 -CP
	R840	06T75434W25	RES,RK 8R2J 1/4 -CP
	R841	06T75434W25	RES,RK 8R2J 1/4 -CP
	R842	06T75434W25	RES,RK 8R2J 1/4 -CP
	R843	06T75434W25	RES,RK 8R2J 1/4 -CP
	R847	06T75431W83	RES,RK 103J 1/10 -CP
	R850	06T25277Y61	RES,RK 152J 1/16 -CP
	R851	06T25277Y65	RES,RK 222J 1/16 -CP
	R853	06T25277Y65	RES,RK 222J 1/16 -CP
	R854	06T25277Y61	RES,RK 152J 1/16 -CP
	R855	06T75433W01	RES,RK 10RJ 1/4 -CP
	R856	06T75433W15	RES,RK 39RJ 1/4 -CP
	R857	06T75433W15	RES,RK 39RJ 1/4 -CP
	R858	06T75433W15	RES,RK 39RJ 1/4 -CP
	R859	06T75433W15	RES,RK 39RJ 1/4 -CP
	R860	06T25277Y59	RES,RK 122J 1/16 -CP
	R861	06T25277Y73	RES,RK 472J 1/16 -CP
	R862	06T25277Y77	RES,RK 682J 1/16 -CP
	R863	06T75431W83	RES,RK 103J 1/10 -CP
	R864	06T75431W83	RES,RK 103J 1/10 -CP
	R865	06T25277Y81	RES,RK 103J 1/16 -CP
	R866	06T25277Y81	RES,RK 103J 1/16 -CP
	R867	06T25277Y77	RES,RK 682J 1/16 -CP
	R868	06T75431W83	RES,RK 103J 1/10 -CP
	R869	06T25277Y41	RES,RK 221J 1/16 -CP
	R870	06T75431W87	RES,RK 153J 1/10 -CP
	R872	06T75433W35	RES,RK 271J 1/4 -CP
	R873	06T75433W35	RES,RK 271J 1/4 -CP
	R875	06T75433W41	RES,RK 471J 1/4 -CP
	R876	06T15443W59	RES,RK 182F 1/10 -CP
	R877	06T15443W71	RES,RK 562F 1/10-CP
	R881	06T75434W23	RES,RK 5R6J 1/4 -CP
	R882	06T75431W83	RES,RK 103J 1/10 -CP
	R883	06T75434W22	RES,RK 2R2J 1/4 -CP
	RA505	06S45591W06	RES,ARY MNR102J 4-CP
	RA506	06S45591W06	RES,ARY MNR102J 4-CP
	RA507	06S45591W06	RES,ARY MNR102J 4-CP

Connectors

	Symbol No.	Part No.	Description
	CB101	09T25684Y28	FFC,SLW28R-1C7 -DB
	CB330	09T25738Y06	WTB,53254-0610 -DB
○	CB331	09T25436Y03	WTB,53253-0310 -DB
	CB501	09T45434W15	FFC,52271-1590 -ED
	CB601	09T25436Y02	WTB,53253-0210 -DB

Front P.W.Board

IC's

	Symbol No.	Part No.	Description
	IC401	51T85152W01	LC75883 -QT
	IC402	51T15186Y01	LC75823W -QT
	IC403	51T95040W01	SBX8035F -NS

Transistors

	Symbol No.	Part No.	Description
	Q405	48T52439F01	TR,2SD602A-RS-TX -CP
	Q406	48T52439F01	TR,2SD602A-RS-TX -CP
	Q408	48T64222F02	TR ,UN2212 22-22 -TX
	Q409	48T64222F01	TR ,UN2211 10-10 -TX
	Q410	48T64222F01	TR ,UN2211 10-10 -TX

Diodes

	Symbol No.	Part No.	Description
	D401	48T81063F01	DIO,CP.MA159 / TX-CP
	D402	48T94471F01	TR ,IMN10
	D405	48T85357W01	DIO,1PS226 -CP
	D406	48T85357W01	DIO,1PS226 -CP
	D407	48T85357W01	DIO,1PS226 -CP
	D408	48T85357W01	DIO,1PS226 -CP
	D409	48T85357W01	DIO,1PS226 -CP

Switches

	Symbol No.	Part No.	Description
	SW402	40T55656W06	SW,TACT SKQMAJ001-E2 (TUNE A.ME UP/FWD)
	SW403	40T55656W06	SW,TACT SKQMAJ001-E2 (PLAY/PAUSE/TUNE A.ME)
	SW404	40T55656W06	SW,TACT SKQMAJ001-E2 (TUNE A.ME DN/BWD)
○	SW405	40T55656W06	SW,TACT SKQMAJ001-E2(MODE/BBE)
●	SW405	40T55656W06	SW,TACT SKQMAJ001-E2(MODE/LOUD)
	SW406	40T55656W06	SW,TACT SKQMAJ001-E2(SOURCE/PWR)
	SW407	40T55656W06	SW,TACT SKQMAJ001-E2 (BAND/T.S.M.)
	SW408	40T55656W06	SW,TACT SKQMAJ001-E2(AF)
	SW409	40T55656W06	SW,TACT SKQMAJ001-E2(AUDIO UP)
	SW410	40T55656W06	SW,TACT SKQMAJ001-E2(AUDIO DOWN)
	SW411	40T55656W06	SW,TACT SKQMAJ001-E2(F/DEMO)
	SW412	40T55656W06	SW,TACT SKQMAJ001-E2(F1)
	SW413	40T55656W06	SW,TACT SKQMAJ001-E2(F2)
	SW414	40T55656W06	SW,TACT SKQMAJ001-E2(F3)
	SW415	40T55656W06	SW,TACT SKQMAJ001-E2(F4)
	SW416	40T55656W06	SW,TACT SKQMAJ001-E2(F5)

NOTE : ○ : For CDA-7852R Model Only, ● : For CDA-7850R Model Only, Others : Common.

Symbol No.	Part No.	Description
SW417	40T55656W06	SW, TACT SKQMAJ001-E2(F6)
SW418	40T55656W06	SW, TACT SKQMAJ001-E2(EJECT)
SW419	40T55656W06	SW, TACT SKQMAJ001-E2 (TITLE/T.R.V.S.)
SW420	40T55656W06	SW, TACT SKQMAJ001-E2(MUTE/DISP)
SW421	40T55656W06	SW, TACT SKQMAJ001-E2(ANGLE UP)
SW422	40T55656W06	SW, TACT SKQMAJ001-E2(ANGLE DN)
SW423	40T55656W06	SW, TACT SKQMAJ001-E2 (T. INFO/S.P.S.)
SW424	40T55656W06	SW, TACT SKQMAJ001-E2(RESET)
LED's		
LD401	48T75261W01	LED, SML-020PDTT87-CP(ORG/GRN)
LD402	48T75261W01	LED, SML-020PDTT87-CP(ORG/GRN)
LD403	48T75261W01	LED, SML-020PDTT87-CP(ORG/GRN)
LD404	48T75261W01	LED, SML-020PDTT87-CP(ORG/GRN)
LD405	48T75261W01	LED, SML-020PDTT87-CP(ORG/GRN)
LD406	48T75261W01	LED, SML-020PDTT87-CP(ORG/GRN)
LD407	48T75261W01	LED, SML-020PDTT87-CP(ORG/GRN)
LD408	48T75261W01	LED, SML-020PDTT87-CP(ORG/GRN)
LD409	48T75261W01	LED, SML-020PDTT87-CP(ORG/GRN)
LD410	48T75261W01	LED, SML-020PDTT87-CP(ORG/GRN)
LD411	48T75261W01	LED, SML-020PDTT87-CP(ORG/GRN)
LD412	48T75261W01	LED, SML-020PDTT87-CP(ORG/GRN)
LD413	48T75261W01	LED, SML-020PDTT87-CP(ORG/GRN)
LD416	48T25583Y01	LED, KB1111CE -CP(BLU)
LD417	48T25534Y02	LED, BR1111C -CP(RED)
LD418	48T25534Y02	LED, BR1111C -CP(RED)
Inverter		
INV401	01T95281W08	ASSY, INV 7852R0
Capacitors		
C401	08S53332F51	CAP, CP .223-K-B -CP
C402	08S82122F61	CAP, CER. 102J-CH1H-CP
C403	08T15399W03	CAP, CER. 473K-B1H -CP
C404	08T15399W03	CAP, CER. 473K-B1H -CP
C405	08S53332F62	CAP, CP .473-K-B -CP
C406	08T15399W03	CAP, CER. 473K-B1H -CP
C407	08T15399W03	CAP, CER. 473K-B1H -CP
C408	08S82122F57	CAP, CER. 681J-CH1H-CP
C409	08S35374W01	CAP, CER 104K-B1E-CP
E402	23S55311W42	CAP, TAN. 4R7-1D-B -CP

Symbol No.	Part No.	Description
Resistors		
R401	06T75431W59	RES, RK 102J 1/10 -CP
R402	06T75431W59	RES, RK 102J 1/10 -CP
R403	06T75431W59	RES, RK 102J 1/10 -CP
R404	06T75431W59	RES, RK 102J 1/10 -CP
R405	06T75431W59	RES, RK 102J 1/10 -CP
R406	06T75431W59	RES, RK 102J 1/10 -CP
R407	06T75431W59	RES, RK 102J 1/10 -CP
R418	06T75431W98	RES, RK 433J 1/10 -CP
R423	06T75431W59	RES, RK 102J 1/10 -CP
R424	06T75431W98	RES, RK 433J 1/10 -CP
R428	06T75431W59	RES, RK 102J 1/10 -CP
R429	06T75431W59	RES, RK 102J 1/10 -CP
R430	06T75431W59	RES, RK 102J 1/10 -CP
R431	06T75431W59	RES, RK 102J 1/10 -CP
R432	06T75431W59	RES, RK 102J 1/10 -CP
R433	06T75431W59	RES, RK 102J 1/10 -CP
R434	06T75431W59	RES, RK 102J 1/10 -CP
R435	06T75431W59	RES, RK 102J 1/10 -CP
R436	06T75431W59	RES, RK 102J 1/10 -CP
R437	06T75431W59	RES, RK 102J 1/10 -CP
R438	06T75433W39	RES, RK 391J 1/4 -CP
R439	06T75433W27	RES, RK 121J 1/4 -CP
R440	06T75433W43	RES, RK 561J 1/4 -CP
R441	06T75433W27	RES, RK 121J 1/4 -CP
R442	06T75433W33	RES, RK 221J 1/4 -CP
R443	06T75433W26	RES, RK 111J 1/4 -CP
R444	06T75433W37	RES, RK 331J 1/4 -CP
R445	06T75433W33	RES, RK 221J 1/4 -CP
R446	06T75433W39	RES, RK 391J 1/4 -CP
R447	06T75433W33	RES, RK 221J 1/4 -CP
R449	06T75433W41	RES, RK 471J 1/4 -CP
R451	06T75431W67	RES, RK 222J 1/10 -CP
R455	06T75431W67	RES, RK 222J 1/10 -CP
R456	06T75433W43	RES, RK 561J 1/4 -CP
R458	06T75431W35	RES, RK 101J 1/10 -CP
R459	06T75431W75	RES, RK 472J 1/10 -CP
R464	06T75432W08	RES, RK 104J 1/10 -CP
R465	06T75433W43	RES, RK 561J 1/4 -CP
RA401	06S45591W06	RES, ARY MNR102J 4-CP
RA402	06S45591W06	RES, ARY MNR102J 4-CP

Symbol No.	Part No.	Description
DP-S Main P.W.Board(○)		
IC's		
IC5101	51T15053Y01	TC9462F -QT
IC5102	51T15587Y01	TA2122FN-EL -SE6
IC5103	51T85408W01	BA6791FP-E2 -SEA
IC5104	51T16025W01	IC,NJM2100M-TE3-SE03
IC5105	51T95014F13	S-8052HNM-CR-T1 -SE2
IC5201	51T11054W02	NJM78L05UA-TE1 -NE2
IC5203	51T16025W01	IC,NJM2100M-TE3-SE03
IC5501	51T65209W02	BA6287F-E2 -SE2
IC5502	51T25002Y01	PCM1716E-2K -SE6
Transistors		
Q5101	48T80611F01	CP.2SB1132-QR-101-E3
Q5102	48T80611F01	CP.2SB1132-QR-101-E3
Q5103	48T94606F03	TR,DTC124EUA-T106-CP
Q5105	48T94606F53	TR,DTA124EUA-T106-CP
Diodes		
D5501	48T81063F01	DIO,CP.MA159 / TX-CP
D5502	48T63463F01	DIO,CP.DAP202K -96
Crystal		
XL5001	91T95099W92	XTL,CM309S 16.934-E9
Thermistor		
TH5101	48T25250Y01	TMT,ERTJ1VV104J -CP
Capacitors		
C5101	08S45677W28	CAP,CER 47RJ-CH1H-CP
C5102	08S65128F71	CAP,CER.153K-B1H -CP
C5103	08S65128F69	CAP,CER.103K-B1H -CP
C5104	08S65128F62	CAP,CER.272K-B1H -CP
C5105	08S65128F69	CAP,CER.103K-B1H -CP
C5106	08T15399W02	CAP,CER.333K-B1H -CP
C5107	08S65128F67	CAP,CER.682K-B1H -CP
C5108	08S35374W01	CAP,CER 104K-B1E-CP
C5109	08S35374W01	CAP,CER 104K-B1E-CP
C5110	08S35374W01	CAP,CER 104K-B1E-CP
C5111	08T15399W03	CAP,CER.473K-B1H -CP
C5112	08T15399W03	CAP,CER.473K-B1H -CP
C5113	08T15399W03	CAP,CER.473K-B1H -CP
C5114	08T15399W03	CAP,CER.473K-B1H -CP
C5115	08S35374W01	CAP,CER 104K-B1E-CP
C5116	08S35374W01	CAP,CER 104K-B1E-CP
C5117	08S35374W01	CAP,CER 104K-B1E-CP
C5118	08S35374W01	CAP,CER 104K-B1E-CP
C5119	08T15399W01	CAP,CER.223K-B1H -CP
C5120	08S35374W01	CAP,CER 104K-B1E-CP
C5121	08S35374W01	CAP,CER 104K-B1E-CP
C5122	08T15399W01	CAP,CER.223K-B1H -CP
C5123	08S45677W22	CAP,CER.27RJ-CH1H-CP
C5124	08S45677W04	CAP,CER.2R0C-CH1H-CP
C5125	08S35374W01	CAP,CER 104K-B1E-CP
C5126	08S65128F69	CAP,CER.103K-B1H -CP
C5127	08T15399W01	CAP,CER.223K-B1H -CP
C5128	08T15399W01	CAP,CER.223K-B1H -CP
C5129	08T15399W01	CAP,CER.223K-B1H -CP
C5130	08T65289W03	CAP,EMK 105K-BJ1C-CP
C5131	08S35374W01	CAP,CER 104K-B1E-CP
C5134	08S82122F39	CAP,CER.121J-CH1H-CP
C5135	08S82122F43	CAP,CER.181J-CH1H-CP
C5136	08S35374W01	CAP,CER 104K-B1E-CP
C5138	08S35374W01	CAP,CER 104K-B1E-CP
C5139	08T15399W01	CAP,CER.223K-B1H -CP
C5143	08T15399W03	CAP,CER.473K-B1H -CP
C5144	08T15399W03	CAP,CER.473K-B1H -CP
C5145	08T15399W03	CAP,CER.473K-B1H -CP
C5146	08S82122F19	CAP,CER.18RJ-CH1H-CP
C5147	08S82122F21	CAP,CER.22RJ-CH1H-CP
C5148	08S35374W01	CAP,CER 104K-B1E-CP
C5149	08S65128F68	CAP,CER.822K-B1H -CP
C5153	08S35374W01	CAP,CER 104K-B1E-CP
C5201	08T15399W01	CAP,CER.223K-B1H -CP
C5204	08S82122F37	CAP,CER.101J-CH1H-CP
C5205	08S82122F37	CAP,CER.101J-CH1H-CP
C5206	08S82122F47	CAP,CER.271J-CH1H-CP
C5207	08S82122F47	CAP,CER.271J-CH1H-CP
C5208	08S82122F59	CAP,CER.821J-CH1H-CP
C5209	08S82122F59	CAP,CER.821J-CH1H-CP
C5501	08T15399W01	CAP,CER.223K-B1H -CP
E5101	23S55311W42	CAP,TAN.4R7-1D-B -CP
E5102	23S55311W23	CAP,TAN.10R-1A-B -CP
E5103	23S55311W42	CAP,TAN.4R7-1D-B -CP
E5104	23S55311W42	CAP,TAN.4R7-1D-B -CP
E5105	23S55311W23	CAP,TAN.10R-1A-B -CP
E5106	23T85373W03	CAP,ECAR 47R-05-C-E5
E5107	23S55311W23	CAP,TAN.10R-1A-B -CP

NOTE : ○ : For CDA-7852R Model Only, Others : Common.

Symbol No.	Part No.	Description
E5108	23T85373W05	CAP,ECAR 10R-1C-C-E5
E5109	23T85373W05	CAP,ECAR 10R-1C-C-E5
E5110	23S55311W42	CAP,TAN.4R7-1D-B -CP
E5111	23T85373W05	CAP,ECAR 10R-1C-C-E5
E5112	23T85373W05	CAP,ECAR 10R-1C-C-E5
E5113	23T85373W04	CAP,RA 22R-0J-B -E5
E5114	23T85373W05	CAP,ECAR 10R-1C-C-E5
E5115	23T85373W05	CAP,ECAR 10R-1C-C-E5
E5116	23T85373W03	CAP,ECAR 47R-05-C-E5
E5117	23T85373W05	CAP,ECAR 10R-1C-C-E5
E5201	23T85373W05	CAP,ECAR 10R-1C-C-E5
E5202	23T85373W04	CAP,RA 22R-0J-B -E5
E5203	23T85373W04	CAP,RA 22R-0J-B -E5
E5206	23T85373W03	CAP,ECAR 47R-05-C-E5
E5207	23T85373W05	CAP,ECAR 10R-1C-C-E5
E5208	23T85373W05	CAP,ECAR 10R-1C-C-E5
E5209	23T85373W04	CAP,RA 22R-0J-B -E5
E5501	23T85373W05	CAP,ECAR 10R-1C-C-E5
Resistors		
R5101	06T25277Y81	RES,RK 103J 1/16 -CP
R5102	06T25277Y97	RES,RK 473J 1/16 -CP
R5103	06T25278Y02	RES,RK 683J 1/16 -CP
R5104	06T25278Y06	RES,RK 104J 1/16 -CP
R5105	06T25279Y03	RES,RK 225J 1/16 -CP
R5106	06T25277Y93	RES,RK 333J 1/16 -CP
R5107	06T25277Y81	RES,RK 103J 1/16 -CP
R5108	06T25277Y57	RES,RK 102J 1/16 -CP
R5109	06T25277Y69	RES,RK 332J 1/16 -CP
R5110	06T25277Y69	RES,RK 332J 1/16 -CP
R5111	06T25277Y57	RES,RK 102J 1/16 -CP
R5112	06T25277Y57	RES,RK 102J 1/16 -CP
R5114	06T25277Y33	RES,RK 101J 1/16 -CP
R5115	06T25277Y33	RES,RK 101J 1/16 -CP
R5116	06T25277Y89	RES,RK 223J 1/16 -CP
R5118	06T25277Y54	RES,RK 751J 1/16 -CP
R5119	06T25277Y58	RES,RK 112J 1/16 -CP
R5120	06T25277Y85	RES,RK 153J 1/16 -CP
R5121	06T25277Y81	RES,RK 103J 1/16 -CP
R5122	06T25277Y73	RES,RK 472J 1/16 -CP
R5123	06T25277Y92	RES,RK 303J 1/16 -CP
R5124	06T25277Y93	RES,RK 333J 1/16 -CP
R5125	06T75433W01	RES,RK 10RJ 1/4 -CP
R5127	06T25278Y16	RES,RK 274J 1/16 -CP
R5128	06T25277Y92	RES,RK 303J 1/16 -CP
R5129	06T25277Y92	RES,RK 303J 1/16 -CP
R5130	06T25278Y16	RES,RK 274J 1/16 -CP
R5131	06T25277Y93	RES,RK 333J 1/16 -CP
R5134	06T25277Y73	RES,RK 472J 1/16 -CP
R5136	06T75433W01	RES,RK 10RJ 1/4 -CP
R5137	06T25277Y96	RES,RK 433J 1/16 -CP
R5138	06T25278Y05	RES,RK 913J 1/16 -CP
R5139	06T25277Y87	RES,RK 183J 1/16 -CP
R5140	06T25277Y80	RES RK 912J 1/16 -CP
R5142	06T25277Y88	RES,RK 203J 1/16 -CP
R5143	06T25277Y96	RES,RK 433J 1/16 -CP
R5144	06T25277Y80	RES RK 912J 1/16 -CP
R5145	06T25277Y88	RES,RK 203J 1/16 -CP
R5147	06T25277Y57	RES,RK 102J 1/16 -CP
R5148	06T25277Y57	RES,RK 102J 1/16 -CP
R5149	06T25277Y57	RES,RK 102J 1/16 -CP
R5150	06T25277Y33	RES,RK 101J 1/16 -CP
R5151	06T25277Y89	RES,RK 223J 1/16 -CP
R5152	06T25277Y89	RES,RK 223J 1/16 -CP
R5153	06T25277Y89	RES,RK 223J 1/16 -CP
R5154	06T25277Y89	RES,RK 223J 1/16 -CP
R5155	06T25277Y89	RES,RK 223J 1/16 -CP
R5156	06T25277Y89	RES,RK 223J 1/16 -CP
R5211	06T75433W66	RES,RK 512J 1/4 -CP
R5212	06T75433W66	RES,RK 512J 1/4 -CP
R5213	06T75433W78	RES,RK 163J 1/4 -CP
R5214	06T75433W78	RES,RK 163J 1/4 -CP
R5215	06T75433W57	RES,RK 222J 1/4 -CP
R5216	06T75433W57	RES,RK 222J 1/4 -CP
R5217	06T75433W77	RES,RK 153J 1/4 -CP
R5218	06T75433W77	RES,RK 153J 1/4 -CP
R5219	06T75434W06	RES,RK 224J 1/4 -CP
R5220	06T75434W06	RES,RK 224J 1/4 -CP
R5221	06T75433W50	RES,RK 112J 1/4 -CP
R5222	06T75433W50	RES,RK 112J 1/4 -CP
R5223	06T75433W17	RES,RK 47RJ 1/4 -CP
R5224	06T75433W17	RES,RK 47RJ 1/4 -CP
R5235	06T25794Y04	RES,RK JUMPER1/16-CP
R5238	06T25277Y57	RES,RK 102J 1/16 -CP
Connectors		
CB5101	09T45435W15	FFC,52207-1590 -ED
CB5102	09T45435W07	FFC,52207-0790 -E9
CB5801	09T45435W28	FFC,52207-2890 -EZ

Symbol No.	Part No.	Description
DP-S Main P.W.Board(●)		
IC's		
IC3101	51T15053Y01	TC9462F -QT
IC3102	51T15587Y01	TA2122FN-EL -SE6
IC3103	51T85408W01	BA6791FP-E2 -SEA
IC3104	51T16025W01	IC,NJM2100M-TE3-SE03
IC3105	51T95014F13	S-8052HNM-CR-T1 -SE2
IC3201	51T11054W02	NJM78L05UA-TE1 -NE2
IC3203	51T16025W01	IC,NJM2100M-TE3-SE03
IC3501	51T65209W02	BA6287F-E2 -SE2
Transistors		
Q3101	48T80611F01	CP.2SB1132-QR-101-E3
Q3102	48T80611F01	CP.2SB1132-QR-101-E3
Q3103	48T94606F03	TR,DTC124EUA-T106-CP
Q3105	48T94606F53	TR,DTA124EUA-T106-CP
Diodes		
D3501	48T81063F01	DIO,CP.MA159 / TX-CP
D3502	48T63463F01	DIO,CP.DAP202K -96
Crystal		
CL3101	91T15469Y01	OSC,CER SSR16.93M-CP
Thermistor		
TH3101	48T25250Y01	TMT,ERTJ1VV104J -CP
Capacitors		
C3101	08S45677W28	CAP,CER 47RJ-CH1H-CP
C3102	08S65128F71	CAP,CER.153K-B1H -CP
C3103	08S65128F69	CAP,CER.103K-B1H -CP
C3104	08S65128F62	CAP,CER.272K-B1H -CP
C3105	08S65128F69	CAP,CER.103K-B1H -CP
C3106	08T15399W02	CAP,CER.333K-B1H -CP
C3107	08S65128F67	CAP,CER.682K-B1H -CP
C3108	08S35374W01	CAP,CER 104K-B1E-CP
C3109	08S35374W01	CAP,CER 104K-B1E-CP
C3110	08S35374W01	CAP,CER 104K-B1E-CP
C3111	08T15399W03	CAP,CER.473K-B1H -CP
C3112	08T15399W03	CAP,CER.473K-B1H -CP
C3113	08T15399W03	CAP,CER.473K-B1H -CP
C3114	08T15399W03	CAP,CER.473K-B1H -CP
C3115	08S35374W01	CAP,CER 104K-B1E-CP
C3116	08S35374W01	CAP,CER 104K-B1E-CP
C3117	08S35374W01	CAP,CER 104K-B1E-CP
C3118	08S35374W01	CAP,CER 104K-B1E-CP
C3119	08S35374W01	CAP,CER 104K-B1E-CP
C3120	08S35374W01	CAP,CER 104K-B1E-CP
C3121	08S35374W01	CAP,CER 104K-B1E-CP
C3122	08T15399W01	CAP,CER.223K-B1H -CP
C3123	08S45677W22	CAP,CER.27RJ-CH1H-CP
C3124	08S45677W04	CAP,CER.2R0C-CH1H-CP
C3125	08S35374W01	CAP,CER 104K-B1E-CP
C3126	08S65128F69	CAP,CER.103K-B1H -CP
C3127	08T15399W01	CAP,CER.223K-B1H -CP
C3128	08T15399W01	CAP,CER.223K-B1H -CP
C3129	08T15399W01	CAP,CER.223K-B1H -CP
C3130	08T65289W03	CAP,EMK 105K-BJ1C-CP
C3131	08S35374W01	CAP,CER 104K-B1E-CP
C3134	08S82122F39	CAP,CER.121J-CH1H-CP
C3135	08S82122F43	CAP,CER.181J-CH1H-CP
C3136	08S35374W01	CAP,CER 104K-B1E-CP
C3145	08T15399W03	CAP,CER.473K-B1H -CP
C3148	08S35374W01	CAP,CER 104K-B1E-CP
C3149	08S65128F68	CAP,CER.822K-B1H -CP
C3153	08S35374W01	CAP,CER 104K-B1E-CP
C3201	08T15399W01	CAP,CER.223K-B1H -CP
C3204	08S82122F61	CAP,CER.102J-CH1H-CP
C3205	08S82122F61	CAP,CER.102J-CH1H-CP
C3501	08T15399W01	CAP,CER.223K-B1H -CP
E3101	23S55311W42	CAP,TAN.4R7-1D-B -CP
E3102	23S55311W23	CAP,TAN.10R-1A-B -CP
E3103	23S55311W42	CAP,TAN.4R7-1D-B -CP
E3104	23S55311W42	CAP,TAN.4R7-1D-B -CP
E3105	23S55311W23	CAP,TAN.10R-1A-B -CP
E3106	23T85373W03	CAP,ECAR 47R-05-C-E5
E3107	23S55311W23	CAP,TAN.10R-1A-B -CP
E3108	23T85373W05	CAP,ECAR 10R-1C-C-E5
E3109	23T85373W05	CAP,ECAR 10R-1C-C-E5
E3110	23S55311W42	CAP,TAN.4R7-1D-B -CP
E3117	23T85373W05	CAP,ECAR 10R-1C-C-E5
E3201	23T85373W05	CAP,ECAR 10R-1C-C-E5
E3202	23T85373W04	CAP,RA 22R-0J-B -E5
E3203	23T85373W04	CAP,RA 22R-0J-B -E5
E3206	23T85373W03	CAP,ECAR 47R-05-C-E5
E3207	23T85373W05	CAP,ECAR 10R-1C-C-E5
E3208	23T85373W05	CAP,ECAR 10R-1C-C-E5

NOTE : ● : For CDA-7850R Model Only, Others : Common.

Symbol No.	Part No.	Description
E3209	23T85373W04	CAP,RA 22R-0J-B -E5
E3501	23T85373W05	CAP,ECAR 10R-1C-C-E5

Resistors

Symbol No.	Part No.	Description
R3101	06T25277Y81	RES,RK 103J 1/16 -CP
R3102	06T25277Y97	RES,RK 473J 1/16 -CP
R3103	06T25278Y02	RES,RK 683J 1/16 -CP
R3104	06T25278Y06	RES,RK 104J 1/16 -CP
R3105	06T25279Y03	RES,RK 225J 1/16 -CP
R3106	06T25277Y93	RES,RK 333J 1/16 -CP
R3107	06T25277Y81	RES,RK 103J 1/16 -CP
R3108	06T25277Y57	RES,RK 102J 1/16 -CP
R3109	06T25277Y69	RES,RK 332J 1/16 -CP
R3110	06T25277Y69	RES,RK 332J 1/16 -CP
R3111	06T25277Y57	RES,RK 102J 1/16 -CP
R3112	06T25277Y57	RES,RK 102J 1/16 -CP
R3113	06T25277Y97	RES,RK 473J 1/16 -CP
R3114	06T25277Y33	RES,RK 101J 1/16 -CP
R3115	06T25277Y33	RES,RK 101J 1/16 -CP
R3116	06T25277Y89	RES,RK 223J 1/16 -CP
R3118	06T25277Y54	RES,RK 751J 1/16 -CP
R3119	06T25277Y58	RES,RK 112J 1/16 -CP
R3120	06T25277Y85	RES,RK 153J 1/16 -CP
R3121	06T25277Y81	RES,RK 103J 1/16 -CP
R3122	06T25277Y73	RES,RK 472J 1/16 -CP
R3123	06T25277Y92	RES,RK 303J 1/16 -CP
R3124	06T25277Y93	RES,RK 333J 1/16 -CP
R3125	06T75433W01	RES,RK 10RJ 1/4 -CP
R3127	06T25278Y16	RES,RK 274J 1/16 -CP
R3128	06T25277Y92	RES,RK 303J 1/16 -CP
R3129	06T25277Y92	RES,RK 303J 1/16 -CP
R3130	06T25278Y16	RES,RK 274J 1/16 -CP
R3131	06T25277Y93	RES,RK 333J 1/16 -CP
R3134	06T25277Y73	RES,RK 472J 1/16 -CP
R3136	06T75433W01	RES,RK 10RJ 1/4 -CP
R3137	06T25277Y96	RES,RK 433J 1/16 -CP
R3138	06T25278Y05	RES,RK 913J 1/16 -CP
R3139	06T25277Y87	RES,RK 183J 1/16 -CP
R3140	06T25277Y80	RES RK 912J 1/16 -CP
R3142	06T25277Y88	RES,RK 203J 1/16 -CP
R3143	06T25277Y96	RES,RK 433J 1/16 -CP
R3144	06T25277Y80	RES RK 912J 1/16 -CP
R3145	06T25277Y88	RES,RK 203J 1/16 -CP
R3151	06T25277Y89	RES,RK 223J 1/16 -CP
R3152	06T25277Y89	RES,RK 223J 1/16 -CP
R3153	06T25277Y89	RES,RK 223J 1/16 -CP
R3154	06T25277Y89	RES,RK 223J 1/16 -CP
R3155	06T25277Y89	RES,RK 223J 1/16 -CP
R3156	06T25277Y89	RES,RK 223J 1/16 -CP
R3157	06T25277Y59	RES,RK 122J 1/16 -CP
R3211	06T75433W62	RES,RK 362J 1/4 -CP
R3212	06T75433W62	RES,RK 362J 1/4 -CP
R3213	06T75433W69	RES,RK 682J 1/4 -CP
R3214	06T75433W69	RES,RK 682J 1/4 -CP
R3215	06T75434W26	RES,RK JUMPER 1/4-CP
R3216	06T75434W26	RES,RK JUMPER 1/4-CP
R3217	06T75434W26	RES,RK JUMPER 1/4-CP
R3218	06T75434W26	RES,RK JUMPER 1/4-CP
R3221	06T75433W50	RES,RK 112J 1/4 -CP
R3222	06T75433W50	RES,RK 112J 1/4 -CP
R3223	06T75433W17	RES,RK 47RJ 1/4 -CP
R3224	06T75433W17	RES,RK 47RJ 1/4 -CP
R3236	06T75434W26	RES,RK JUMPER 1/4-CP
R3237	06T75434W26	RES,RK JUMPER 1/4-CP
R3238	06T25277Y57	RES,RK 102J 1/16 -CP

Connectors

Symbol No.	Part No.	Description
CB3101	09T45435W15	FFC,52207-1590 -ED
CB3102	09T45435W07	FFC,52207-0790 -E9
CB3801	09T45435W28	FFC,52207-2890 -EZ

Miscellaneous

Symbol No.	Part No.	Description
CB401	01T35001Y01	Assy.,Unizon Connector
CFL401	65T25089Y04	FL Tube,CTY22P2-110N98
CH401	09T25444Y15	BTB,55323-1511
CH501	01T25413Y01	Assy.,2P Connector
DIN801	09T55071W11	Ai-NET Connector
ET001	01T15513W26	Assy.,Antenna Receptacle
○ ET301	01T15332Y05	Assy.,RCA Connector (FRONT/REAR/SUB-W)
● ET301	01T15332Y06	Assy.,RCA Connector (FRONT/REAR/NFP)
ET801	09T55175W16	SP.Output & Power Supply Connector
HD3101	81B10425Y01	Pick-Up Unit,EP21A610
JK601	09T95460W01	Remote Control Interface Connector
LCD401	65T25719Y01	LCD Display
M501	59T65085W01	Nose Motor(7V-370mA)
M3101	01V21600Y50	Assy.,Loading Motor (7V-370mA)
M3102	01V21600Y53	Assy.,Sled Motor (7V-370mA)
M3103	01V21600Y55	Assy.,Spindle Motor (2V-90mA)
SW601	40T15494Y01	SW,DETCT SPVG23(NOSE CLOSE DET)

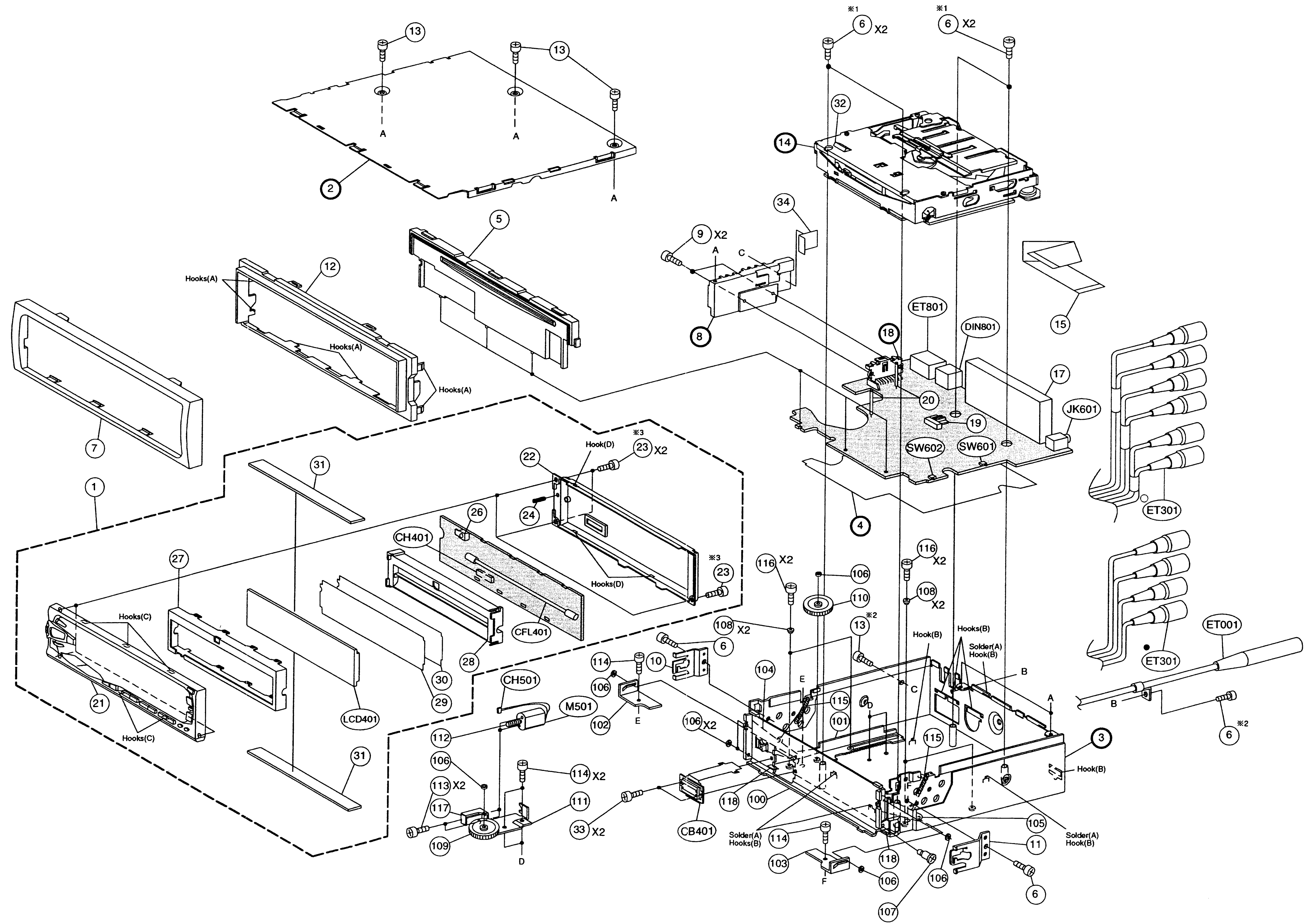
NOTE : ○ : For CDA-7852R Model Only, ● : For CDA-7850R Model Only, Others : Common.

Symbol No.	Part No.	Description
SW602	40T15494Y02	SW,DETCT SPVG13(NOSE OPEN DET)
SW3101	40T15494Y01	Switch,Detect SPVG23 (12cm DISC DETECT (EJECT POSITION/RELOAD))
SW3102	40T15494Y02	Switch,Detect SPVG13 (8/12cm DISC DETECT (INSERT/PULL OUT))
SW3103	40T15494Y07	Switch,Detect SPVG21 (8cm DISC DETECT (EJECT POSITION/RELOAD))
SW3104	40T15494Y01	Switch,Detect SPVG23 (DISC CHUCKING END DETECT)
SW3105	40T71025F03	Switch,Detect SPPB120 (LIMIT)

Symbol No.	Part No.	Description

Exploded View (Cabinet)

NOTE : The screws marked "※1~3" are disassembly parts.


1
2
3
4
5
※1
6 X2
※1
6 X2
13
13
A
A
A
2
14
32
34
9 X2
A
C
8
5
12
Hooks(A)
Hooks(A)
Hooks(A)
7
ET801
DIN801
18
15
17
20
19
JK601
SW602
SW601
4
ET301
ET301
ET001
1
31
31
22
Hook(D)
※3
23 X2
※3
23
24
26
CH401
CFL401
Hooks(D)
27
28
30
29
LCD401
21
Hooks(C)
Hooks(C)
116 X2
116 X2
106
110
108 X2
108 X2
※2
13
6
10
114
106
102
E
104
115
101
Hook(B)
Hooks(B)
Solder(A)
Hook(B)
B
B
A
※2
6
3
Hook(B)
115
CH501
M501
112
106
113 X2
117
109
114 X2
111
D
33 X2
CB401
106 X2
118
100
Solder(A)
Hooks(B)
114
103
F
106
118
105
11
106
6
107
Solder(A)
Hook(B)

NOTE : ○ : For CDA-7852R Model Only,
● : For CDA-7850R Model Only,
Others : Common.

Cabinet Assembly Parts List

NOTE:Parts without part number are not supplied.

Symbol No.	Index	Part No.	Description
○ 1	3-A	01V26700Y92	Assy., Nose Unit
● 1	3-A	01V26800Y03	Assy., Nose Unit
5	2-C	13C21370Y02	Assy., Nose Base (CD)
6		03S44205G07	Screw, Pan (M2.6X5)
7	3-A	33C10618Y01	Face, Plate
9	2-D	03S38013W05	Screw, Pan (M2.6X16)
10	4-D	07D91595W01	Assy., Bracket Side
11	5-F	07D91595W02	Assy., Bracket Side (R)
12	2-C	13D21372Y01	Cover, Nose Base
13		03S71677F02	Screw, Pan (M2.6X6)
15	3-F	30T25456Y05	FFC, SMCD-28X130-BDX6 (BL)
17	3-F	77C10163Y01	FM/MW/LW Tuner Unit, MB4R603S (FE001)
19	3-F	36A70327W01	Knob, Slide
20	3-F	09T84840F02	Lug, Style
○ 21	4-A	13D21862Y06	Assy., Nosepiece
● 21	4-A	13D21862Y07	Assy., Nosepiece
22	3-D	13D21369Y01	Nose, Bottom
23		03S68555F20	Screw, Pan (M1.7X5)
24	3-D	41A50111W10	Spring, Knob
26	3-C	07A11037Y01	Bracket, Remote
27	4-B	15B21386Y01	Cover, LCD
28	4-C	15C21387Y01	Case, LCD
29	4-C	26A21388Y01	Reflector, Sheet (A)
30	4-C	26A21388Y02	Reflector, Sheet (B)
31		75T85248W11	Rubber, Electric
32	2-E	41T15030Y03	Spring, Shield (3P)
33	5-D	03S94385F77	Screw, Nylok Pan (M1.7X3)
34	2-E	14A30748Y01	Insulator, Cover Seet
100	5-E	01C21375Y01	Assy., Bracket F Base
101	4-E	07B21380Y01	Bracket, Slider
102	4-D	07B20734Y01	Bracket, Base L
103	5-E	07B20734Y02	Bracket, Base R
104	4-E	07A21381Y01	Bracket, Arm (L)
105	5-F	07A21381Y02	Bracket, Arm (R)
106		04B41345P54	Washer, Polyslider (M1.7)
107	5-E	03A20851Y02	Screw, Slider
108		49A22103Y01	Roller, Slider Front
109	5-C	44A20248Y02	Gear, Slider
110	4-E	44T25192Y01	Assy., Gear Clutch
111	5-D	07C20740Y01	Bracket, Motor
112	4-C	44A90467W02	Gear, Worm
113	5-C	03S68259F23	Screw, Pan (M2X3)
114		03S94385F13	Screw, Nylok Pan (M2.6X3)
115		41A22014Y01	Spring, Extension
116		03S94385F24	Screw, Nylok Pan (M2X3)
117	5-C	14S11351Y95	Insulator, Cover
118	5-E	75S21219Y48	Cushion, Rubber

NOTE : ○ : For CDA-7852R Model Only, ● : For CDA-7850R Model Only, Others : Common.

Disassembly Instructions

1. Removal of Nose Unit

(1) Refer to the Owner's Manual (Part No. 68P21523Y34).

2. Removal of Nose Base

(1) After removal of Top Cover and Side Bracket, ... Hooks (A) (2-B, 3-C)
Face Plate, remove 6 Hooks (A).
Remove Nose Base Cover.

(2) Pull out Nose Base upper.

3. Removal of CD Deck Mechanism

(1) After removal of Top Cover, remove 4 screws No.6. .... Screws No. 6 (※1) (1-E, 1-F)

(2) Disconnect FFC 28P No. 15 connected to .... FFC 28P No. 15 (3-F)
Main P.W. Board.

4. Removal of Main P.W. Board

(1) After removal of Nose Base and CD Deck Mechanism, ... Screw No. 6 (※2) (4-G)
remove 2 screws No. 6 and13. Screw No. 13 (※2) (4-E)

(2) Desolder (A) at 4 locations and release Hooks (B) at 9 locations. .... Solder (A) (4-F, 5-E, 5-F)
Hooks (B) (4-F, 5-E, 5-F)

(3) Disconnect all connector connected to Main P.W. Board.
Remove Main P.W. Board and Heat Sink attached.

5. Removal of Front P.W. Board

(1) After removal of Nose Unit, remove 3 screws No. 23 and .... Screws No. 23 (※3) (3-D, 4-D)
5 Hooks (C). Hooks (C) (4-B)
Remove Nose Bottom.

(2) Remove 3 Hooks (D). .... Hooks (D) (3-D, 4-D)

NOTE : For the screws No., Hook and Solder, refer to the Exploded View (Cabinet) .

Cabinet Assembly Parts List

NOTE:Parts without part number are not supplied.

Symbol No.	Index	Part No.	Description
○ 1	3-A	01V26700Y92	Assy., Nose Unit
● 1	3-A	01V26800Y03	Assy., Nose Unit
5	2-C	13C21370Y02	Assy., Nose Base (CD)
6		03S44205G07	Screw, Pan (M2.6X5)
7	3-A	33C10618Y01	Face, Plate
9	2-D	03S38013W05	Screw, Pan (M2.6X16)
10	4-D	07D91595W01	Assy., Bracket Side
11	5-F	07D91595W02	Assy., Bracket Side (R)
12	2-C	13D21372Y01	Cover, Nose Base
13		03S71677F02	Screw, Pan (M2.6X6)
15	3-F	30T25456Y05	FFC, SMCD-28X130-BDX6 (BL)
17	3-F	77C10163Y01	FM/MW/LW Tuner Unit, MB4R603S (FE001)
19	3-F	36A70327W01	Knob, Slide
20	3-F	09T84840F02	Lug, Style
○ 21	4-A	13D21862Y06	Assy., Nosepiece
● 21	4-A	13D21862Y07	Assy., Nosepiece
22	3-D	13D21369Y01	Nose, Bottom
23		03S68555F20	Screw, Pan (M1.7X5)
24	3-D	41A50111W10	Spring, Knob
26	3-C	07A11037Y01	Bracket, Remote
27	4-B	15B21386Y01	Cover, LCD
28	4-C	15C21387Y01	Case, LCD
29	4-C	26A21388Y01	Reflector, Sheet (A)
30	4-C	26A21388Y02	Reflector, Sheet (B)
31		75T85248W11	Rubber, Electric
32	2-E	41T15030Y03	Spring, Shield (3P)
33	5-D	03S94385F77	Screw, Nylok Pan (M1.7X3)
34	2-E	14A30748Y01	Insulator, Cover Seet
100	5-E	01C21375Y01	Assy., Bracket F Base
101	4-E	07B21380Y01	Bracket, Slider
102	4-D	07B20734Y01	Bracket, Base L
103	5-E	07B20734Y02	Bracket, Base R
104	4-E	07A21381Y01	Bracket, Arm (L)
105	5-F	07A21381Y02	Bracket, Arm (R)
106		04B41345P54	Washer, Polyslider (M1.7)
107	5-E	03A20851Y02	Screw, Slider
108		49A22103Y01	Roller, Slider Front
109	5-C	44A20248Y02	Gear, Slider
110	4-E	44T25192Y01	Assy., Gear Clutch
111	5-D	07C20740Y01	Bracket, Motor
112	4-C	44A90467W02	Gear, Worm
113	5-C	03S68259F23	Screw, Pan (M2X3)
114		03S94385F13	Screw, Nylok Pan (M2.6X3)
115		41A22014Y01	Spring, Extension
116		03S94385F24	Screw, Nylok Pan (M2X3)
117	5-C	14S11351Y95	Insulator, Cover
118	5-E	75S21219Y48	Cushion, Rubber

NOTE : ○ : For CDA-7852R Model Only, ● : For CDA-7850R Model Only, Others : Common.

Disassembly Instructions

1. Removal of Nose Unit

(1) Refer to the Owner's Manual (Part No. 68P21523Y34).

2. Removal of Nose Base

(1) After removal of Top Cover and Side Bracket, Face Plate, remove 6 Hooks (A). Remove Nose Base Cover. .... Hooks (A) (2-B, 3-C)

(2) Pull out Nose Base upper.

3. Removal of CD Deck Mechanism

(1) After removal of Top Cover, remove 4 screws No.6. .... Screws No. 6 (※1) (1-E, 1-F)

(2) Disconnect FFC 28P No. 15 connected to Main P.W. Board. .... FFC 28P No. 15 (3-F)

4. Removal of Main P.W. Board

(1) After removal of Nose Base and CD Deck Mechanism, remove 2 screws No. 6 and13. .... Screw No. 6 (※2) (4-G)
Screw No. 13 (※2) (4-E)

(2) Desolder (A) at 4 locations and release Hooks (B) at 9 locations. .... Solder (A) (4-F, 5-E, 5-F)
Hooks (B) (4-F, 5-E, 5-F)

(3) Disconnect all connector connected to Main P.W. Board. Remove Main P.W. Board and Heat Sink attached.

5. Removal of Front P.W. Board

(1) After removal of Nose Unit, remove 3 screws No. 23 and 5 Hooks (C). Remove Nose Bottom. .... Screws No. 23 (※3) (3-D, 4-D)
Hooks (C) (4-B)

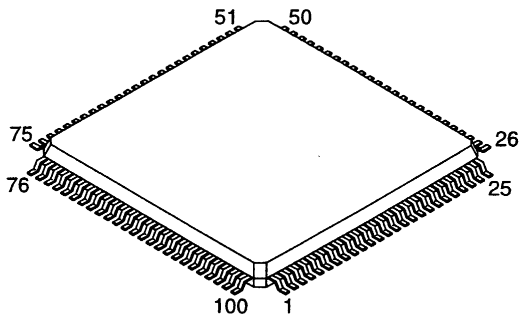
(2) Remove 3 Hooks (D). .... Hooks (D) (3-D, 4-D)

NOTE : For the screws No., Hook and Solder, refer to the Exploded View (Cabinet) .

Semi - Conductor Lead Identifications (Only Difference)

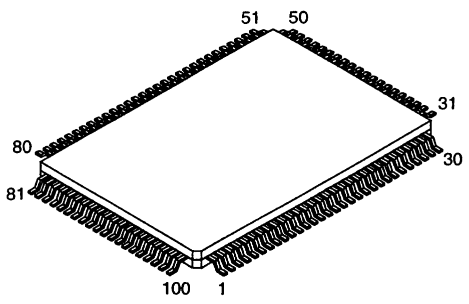
NOTE : Refer to the Service Manual • TDA-7572R/ TDA- 7570R (Part No. 68E30104S01) for description not mentioned in this manual.

D784218GC : IC501


51
50
75
26
76
25
100
1

PIN NO.	CODE ADDRESS	I/O	PIN NO.	CODE ADDRESS	I/O	PIN NO.	CODE ADDRESS	I/O	PIN NO.	CODE ADDRESS	I/O
1	SW-C	I	28	AUDIO LEVEL	I	55	LIMIT SW2	I	77	NC	—
2	SW-D	I	29	GND	—	56	LIMIT SW1	I	78	NC	—
3	LOAD BWD	O	30	GND	—	57	NC (PULL UP)	—	79	NC	—
4	LOAD FWD	O	31	GND	—	58	MOTOR REV	O	80	NC	—
5	0 MUTE DET	O	32	AREA	I	59	MOTOR FOR	O	81	V_{DD}	—
6	LSI RST	O	33	AV_{SS}	—	60	DOOR LED	O	82	PWR IC-ON	O
7	CCE	O	34	NC	—	61	NC	—	83	NOSE-PWR	O
8	BUCK	O	35	DTS CE	O	62	NC	—	84	NC	—
9	V_{DD}	—	36	$AV_{REF}1$	—	63	NC	—	85	PWR-CONT	O
10	X2	—	37	DTS STS	I	64	EV-DATA	O	86	NC (PULL UP)	—
11	X1	—	38	DTS CMD	O	65	EV-CLK	O	87	DIMMER-CONT	O
12	V_{SS}	—	39	DTS CLK	O	66	○ BBE-1	O	88	BUZZER	O
13	NC	—	40	MONIT (TEXT-DATA)	I		● NC	—	89	L-CONT	O
14	V_{SS}	—	41	GND	—	67	○ BBE-2	O	90	V-CONT	O
15	RESET	I	42	TESIO0 (TEXT CLK)	O		● NC	—	91	REMOCON	I
16	BAT-DET	I	43	DTS MUTE	I	68	○ BBE-3	O	92	○ SUB-W EV CLK	O
17	ACC-DET	I	44	LCD-RST	O		● NC	—		● NC	—
18	SBSY (CD-TEXT)	I	45	LCD-DO	I	69	○ NC	—	93	○ SUB-W EV DATA	O
19	BUS-IN	I	46	LCD-DI	O		● NFP-1	O		● NC	—
20	BUS-OUT	O	47	LCD-CLK	O	70	○ NC	—	94	V_{PP}	—
21	SW-A	I	48	LCD-CE	O		● NFP-2	O	95	BUS3	I/O
22	SW-B	I	49	NC	—	71	MUTE	O	96	BUS2	I/O
23	AV_{DD}	—	50	NC	—	72	V_{SS}	—	97	BUS1	I/O
24	$AV_{REF}0$	—	51	IN DIMMER	I	73	MOTOR-CONT	O	98	BUS0	I/O
25	TH-OUT	I	52	NC	—	74	CD CE	O	99	LOCK	I
26	NOSE-ON	I	53	NC	—	75	CD CLK	O	100	LIMIT-SW	I
27	GND	—	54	IN-INT	I	76	CD DATA	O			

TC9462F : IC5101 (DP23S040) (○)
IC3101 (DP23S030) (●)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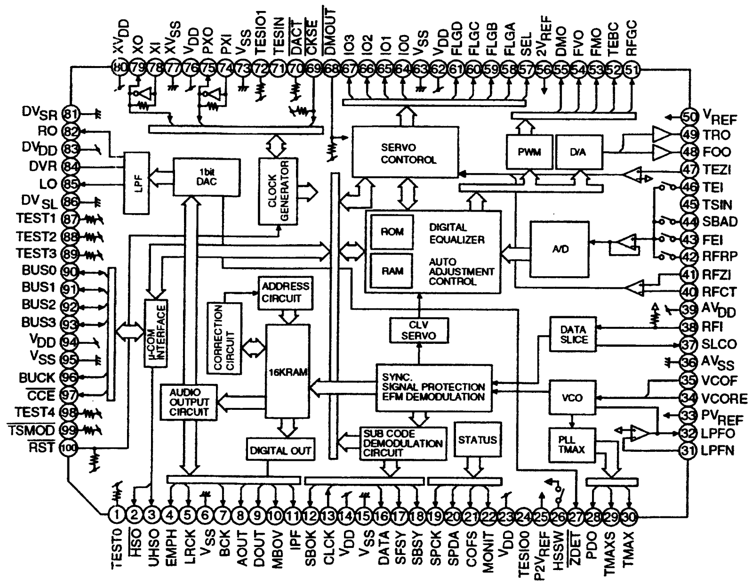
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XI 78
XV_{SS} 77
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PXO 75
PXI 74
V_{SS} 73
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TESIN 71
DACT 70
CKSE 69
DMOUT 68
IO3 67
IO2 66
IO1 65
IO0 64
V_{SS} 63
V_{DD} 62
FLGD 61
FLGC 60
FLGB 59
FLGA 58
SEL 57
$2V_{REF}$ 56
DMO 55
FVO 54
FMO 53
TEBC 52
RFGC 51
DV_{SR} 81
RO 82
DV_{DD} 83
DVR 84
LO 85
DV_{SL} 86
TEST1 87
TEST2 88
TEST3 89
BUS0 90
BUS1 91
BUS2 92
BUS3 93
V_{DD} 94
V_{SS} 95
BUCK 96
CCE 97
TEST4 98
TSMOD 99
RST 100
50 V_{REF}
49 TRO
48 FOO
47 TEZI
46 TEI
45 TSIN
44 SBAD
43 FEI
42 RFRP
41 RFZI
40 RFCT
39 AV_{DD}
38 RFI
37 SLCO
36 AV_{SS}
35 VCOF
34 VCOREF
33 PV_{REF}
32 LPFO
31 LPFN
1 TEST0
2 HSO
3 UHSO
4 EMPH
5 LRCK
6 V_{SS}
7 BCK
8 AOUT
9 DOUT
10 MBOV
11 IPF
12 SBOK
13 CLCK
14 V_{DD}
15 V_{SS}
16 DATA
17 SFSY
18 SBSY
19 SPCK
20 SPDA
21 COFS
22 MONIT
23 V_{DD}
24 TESIO0
25 $P2V_{REF}$
26 HSSW
27 ZDET
28 PDO
29 TMAXS
30 TMAX
LPF
1bit DAC
CLOCK GENERATOR
SERVO CONTOROL
PWM
D/A
ROM
RAM
DIGITAL EQUALIZER
AUTO ADJUSTMENT CONTROL
A/D
μ-COM INTERFACE
CORRECTION CIRCUIT
ADDRESS CIRCUIT
16KRAM
CLV SERVO
DATA SLICE
SYNC. SIGNAL PROTECTION EFM DEMODULATION
VCO
AUDIO OUTPUT CIRCUIT
DIGITAL OUT
SUB CODE DEMODULATION CIRCUIT
STATUS
PLL TMAX

NOTE : ○ : For CDA-7852R Model Only, ● : For CDA-7850R Model Only, Others : Common.

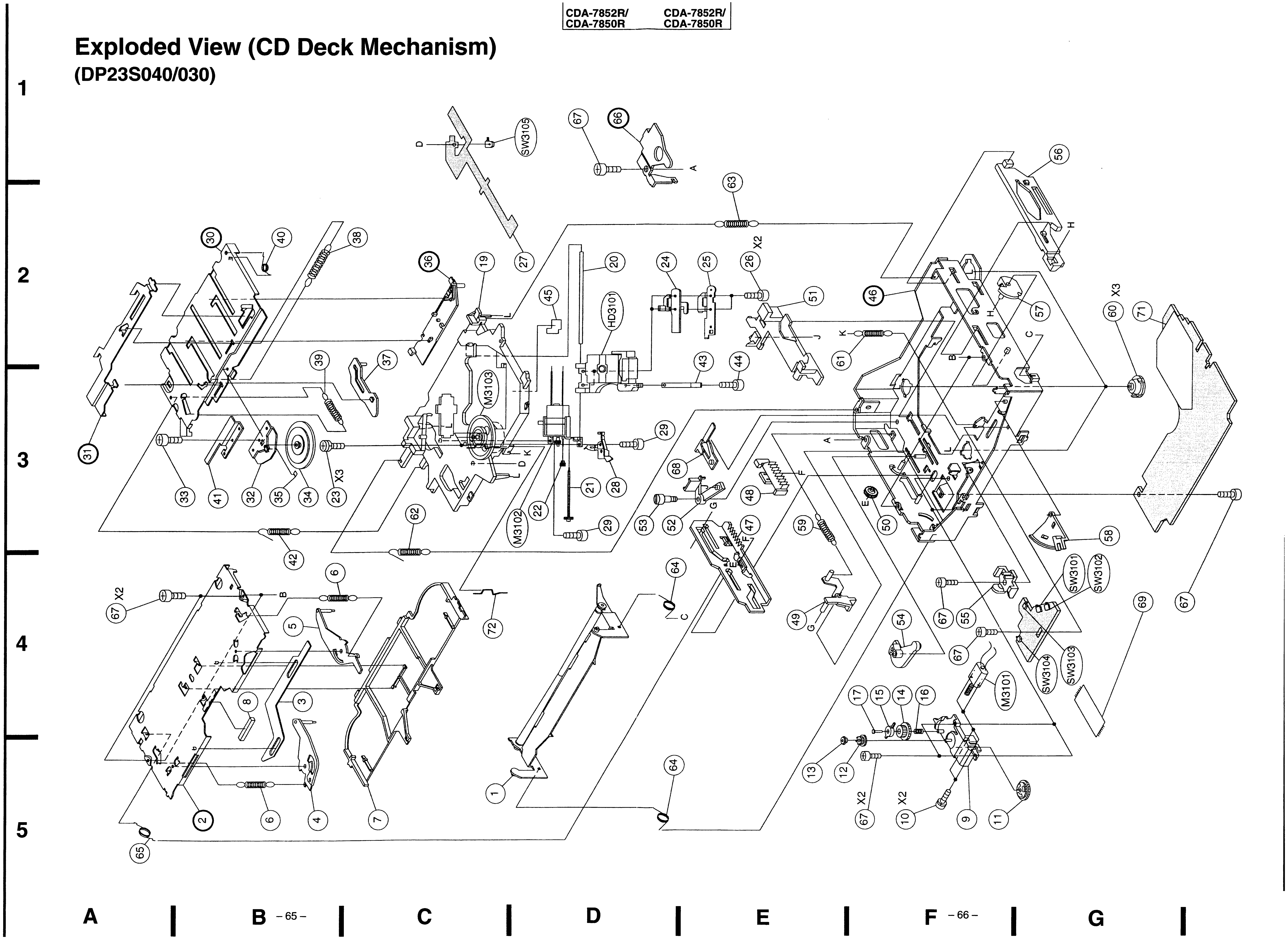
CD Deck Mechanism Assembly Parts List

NOTE:Parts without part number are not supplied.

Symbol No.	Index	Part No.	Description
1	5-C	01V21600Y47	Assy., Arm Guide
3	4-B	45B11564Y01	Lever, Link-Top
4	5-B	45B11595Y01	Lever, Disc (R)
5	4-B	45B11596Y01	Lever, Disc (L)
6		41B11613Y02	Spring, Pull
7	5-C	15D11588Y01	Guide, Top DP-S
8	4-B	75A21286Y01	Cushion, Clamper DP-S
9	5-F	07C11584Y01	Bracket, Motor Load
10	5-F	03S40014G07	Screw, W/Washer (M2X4)
11	5-F	44B11578Y01	Gear (A)
12	5-F	44B11579Y01	Gear (B)
13	5-E	44B11580Y01	Gear (C)
14	4-F	44B11582Y01	Gear (E)
15	4-F	15A11587Y01	Holder, Clutch
16	4-F	41A11612Y01	Spring, Comp
17	4-F	47A11571Y01	Shaft, Clutch
19	2-C	27D11602Y01	Chassis, Pick-Up
20	2-D	47A11575Y01	Shaft, Pick-Up
21	3-D	01V21600Y54	Assy., Shaft Screw
22	3-D	44A70590W03	Gear, Middle
23	3-B	03S72235F96	Screw, Pan (M1.7X3.5)
24	2-D	07B11623Y01	Bracket, Spring Nut
25	2-E	41A11606Y01	Spring, Nut
26	2-E	03S94385F18	Screw, Pan Nylok (M2X3.5)
27	2-D	84T25102Y01	FPC CONT P.W.Board
28	3-D	41B11566Y01	Spring, Shaft
29	3-D	03S70494F13	Screw, Pan (M2X6)
32	3-B	07A11565Y01	Plate, Clamp
33	3-B	03S94385F02	Screw, Pan Nylok (M1.7X3)
34	3-B	43B10585Y01	Table, Clamper-V
35	3-B	43A20308Y01	Spacer, Clamp
37	2-C	45A11599Y01	Lever, Actuator
38	2-C	41B11613Y03	Spring, Pull
39	2-B	41B11613Y05	Spring, Pull
40	2-B	41A11609Y01	Spring, Lever
41	3-B	41B21128Y01	Spring, Plate
42	4-B	41B11613Y01	Spring, Pull
43	2-E	41A11040Y01	Spring, Sled-HOE
44	2-E	03S72235F79	Screw, Pan (M1.4X3)
45	2-D	43A21240Y01	Sheet, FPC Pick
47	3-E	45B11560Y01	Slider, Load
48	3-E	44B11586Y01	Rack
49	4-E	45A11601Y01	Lever, Triger
50	3-F	44B11581Y01	Gear (D)
51	2-E	45B11594Y01	Slider, Lock (L)
52	3-D	45A11592Y01	Arm, Lock (L2)
53	3-D	03A11574Y01	Screw, Lock (M2X3)
54	4-F	45B11591Y01	Arm, Lock (L1)
55	4-F	07A11585Y01	Bracket, Motor Wire
56	1-G	45B11593Y01	Slider, Lock (R)
57	2-G	45B11607Y01	Arm, Lock (R)
58	3-G	45A11597Y01	Lever, Switch
59	3-E	41B11613Y04	Spring, Pull
60	2-G	75C11614Y02	Damper, DP-S
61	2-E	41B11613Y06	Spring, Pull
62	3-C	41B11613Y07	Spring, Pull
63	1-E	41B11613Y08	Spring, Pull
64		41A11610Y01	Spring, Rol
65	5-A	41A11611Y01	Spring, Slider
67		03A21791Y01	Screw, Flat (M2X3.5)
68	3-D	07B20905Y01	Bracket, FPC CONT
69	4-G	30T15126W15	Wire, PC Joint (7P)
71	2-G	14A21117Y01	Insulator, Cover
72	4-C	41A21613Y01	Spring, Spindle

Exploded View (CD Deck Mechanism)

(DP23S040/030)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26 X2
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57
H
71
60 X3
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HD3101
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J
K
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C
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M3103
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23 X3
K
D
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29
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M3102
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SW3102
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67
67
SW3104
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8
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M3101
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14
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13
12
67 X2
10 X2
9
11
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1
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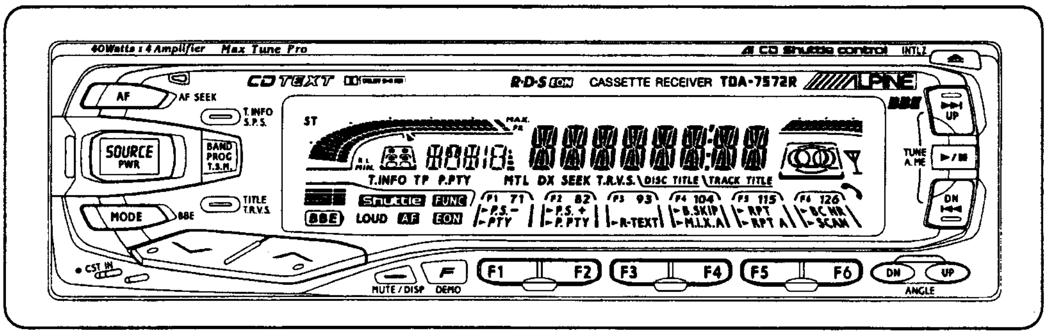
ALPINE®

SERVICE MANUAL

FM/MW/LW/RDS Cassette Receiver

CD Shuttle Controller

Caution: The part marked with ⚠ is generating a high voltage, so care will be necessary when working.


40Watts x 4 Amplifier
Max Tune Pro
CD Shuttle control
CD TEXT
R·D·S EON
CASSETTE RECEIVER TDA-7572R
ALPINE
AF
AF SEEK
T.INFO S.P.S.
SOURCE PWR
BAND PROG T.S.M.
MODE
BBE
TITLE T.R.V.S.
CST IN
MUTE/DISP
DEMO
F1
F2
F3
F4
F5
F6
DN
UP
ANGLE
TUNE A.ME
T.INFO TP P.PTY MTL DX SEEK T.R.V.S. DISC TITLE TRACK TITLE
Shuttle
FUNC
LOUD
AF
EON

(TDA-7572R)

MC-Service

TDA-7572R
TDA-7570R

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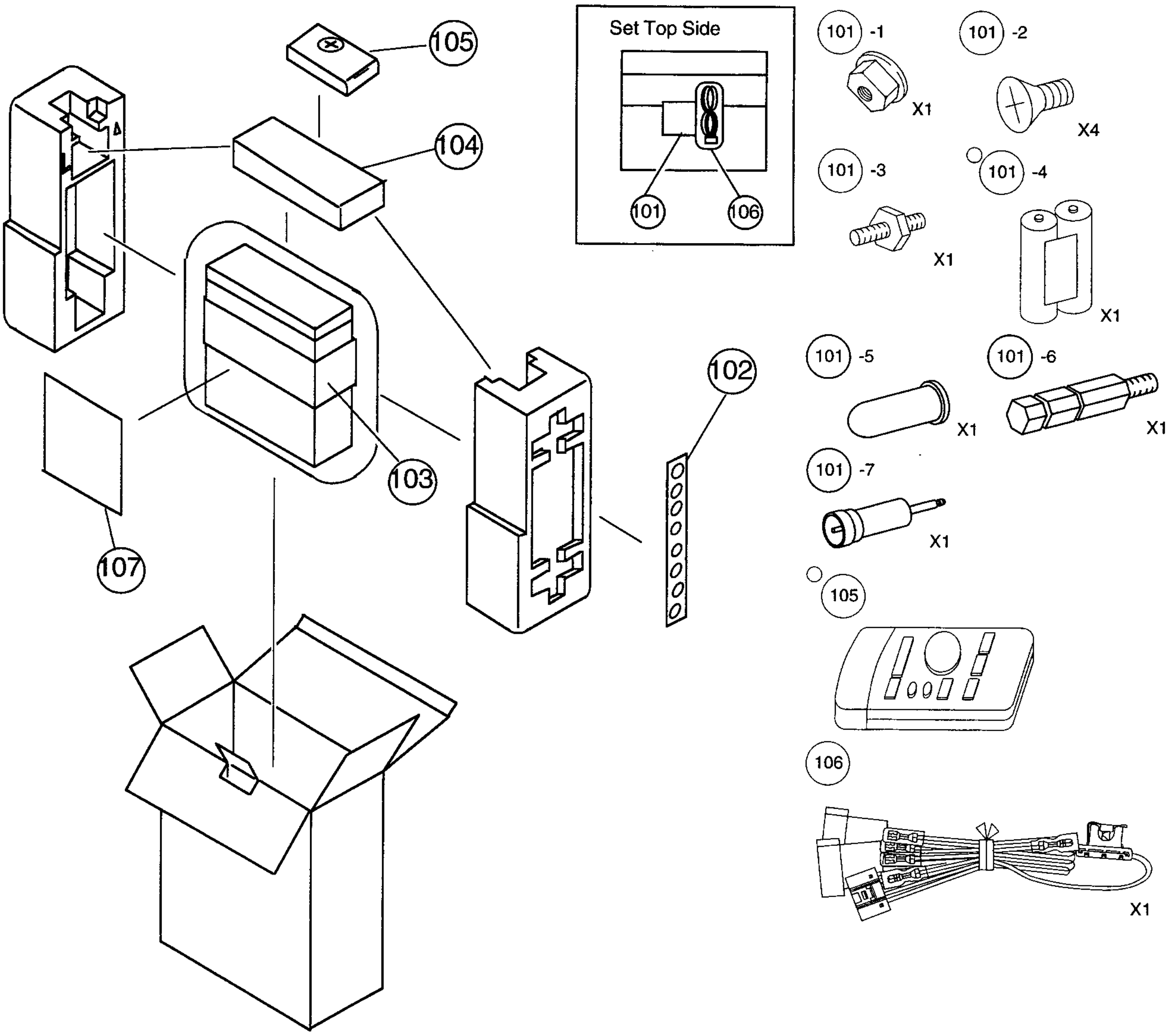
Packing Assembly Parts List

	Symbol No.	Part No.	Description
	101-1	02B47353F01	Nut, Hex. (M5)
	101-2	03S72235F13	Screw, Countersink (M5X8)
	101-3	46A42363F01	Stud, Bolt
O	101-4	60T55630W01	Battery, MGN R03 (NB) UM-4
	101-5	36A11113W01	Cap, Rubber (A)
	101-6	03A11112W01	Bolt, Hex. (M5)
	101-7	01T15394Y02	Antenna, JASO-ISO
	102	07B64552F01	Bracket, Strap Receiver
	103	15D50406W01	Case, Inner
	104	15D71506W03	Carrying, Case

	Symbol No.	Part No.	Description
O	105	01T00716K02	Assy., Remocon
	106	01T15359Y04	Assy., ISO Connector
	107-1	68P21523Y46	Owner's Manual
	107-2	68P21523Y47	Owner's Manual (I/G/S)

NOTE : O : For TDA-7572R Model Only, Others : Common.

Packing Method View


105
104
103
102
107
Set Top Side
101
106
101 -1
X1
101 -2
X4
101 -3
X1
○ 101 -4
X1
101 -5
X1
101 -6
X1
101 -7
X1
○ 105
106
X1

NOTE : ○ : For TDA-7572R Model Only, Others : Common.

Specifications

<FM RADIO>

Intermediate Frequency	10.7±0.1MHz
Frequency Range	87.5~108MHz
Usable Sensitivity (30dB S/N, 98.1MHz, Mono)	17.2dBf
-3dB Limiting Sensitivity (98.1MHz)	21.2dBf
S/N Ratio (98.1MHz, Stereo)	55dB
Image Rejection (106.1MHz)	40dB
IF Rejection (90.1MHz)	60dB
Distortion (Input 60dBμ, 98.1MHz)	1%
Frequency Response (98.1MHz, Ref. 400Hz)	100Hz : 0±3dB 10kHz : -14±3dB
Stereo Separation (1kHz, 98.1MHz)	20dB
Residual Noise (98.1MHz, Ref. 400Hz)	30±10dB
PS Sensitivity (98.1MHz)	36.2dBf

<MW RADIO>

Intermediate Frequency	1st. : 10.7MHz 2nd. : 450kHz
Frequency Range	531~1,602kHz
Sensitivity (20dB S/N, 999kHz)	41dB
S/N Ratio (999kHz)	44dB
Image Rejection (1,404kHz)	40dB
IF Rejection (603kHz)	50dB
Distortion (999kHz)	1.5%
Frequency Response (999kHz, Ref. 400Hz)	100Hz : -3±4dB 2.5kHz : -3+3, -5dB

<LW RADIO>

Intermediate Frequency	1st. : 10.7MHz 2nd. : 450kHz
Frequency Range	153~281kHz
Sensitivity (20dB S/N, 216kHz)	44dB
S/N Ratio (216kHz)	44dB
Image Rejection (270kHz)	35dB
IF Rejection (162kHz)	50dB
Distortion (216kHz)	1.5%
Frequency Response (216kHz, Ref. 400Hz)	100Hz : -3±4dB 2.5kHz : -3+3, -5dB

<TAPE PLAYER>

Wow & Flutter (JIS, WRMS/MTT-111N)	0.2%
Tape Speed (MTT-111N)	4.76cm/sec.+3 to -1%
S/N Ratio	52dB
Distortion (MTT-118N)	2%
Frequency Response (3dB)	250Hz~10kHz
Crosstalk (MTT-121N)	45dB
Separation (MTT-141N)	35dB

<GENERAL>

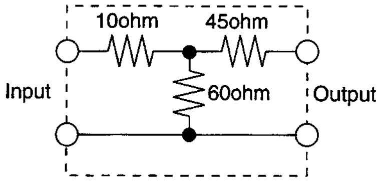
Power Supply	DC14.4V
Power Output (T.H.D. 10%) /Impedance	16W/ch/4ohm
Dimensions (W×H×D)	Nose : 188×58×20.4mm Chassis : 178×50×158mm
Weight	1.5kg

NOTE : Due to Continuing product improvement, specifications and designs are subject to change without notice.

Adjustment Procedures

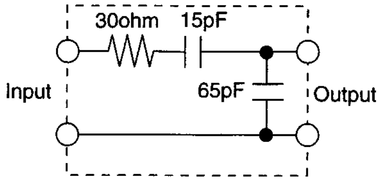
1. FM/AM SECTION

(1) Dummy Antenna Circuit


10ohm
45ohm
Input
60ohm
Output

For 50 ohm FM Signal Generator

Figure 1


30ohm
15pF
Input
65pF
Output

AM Signal Generator

Figure 2

(2) Connections

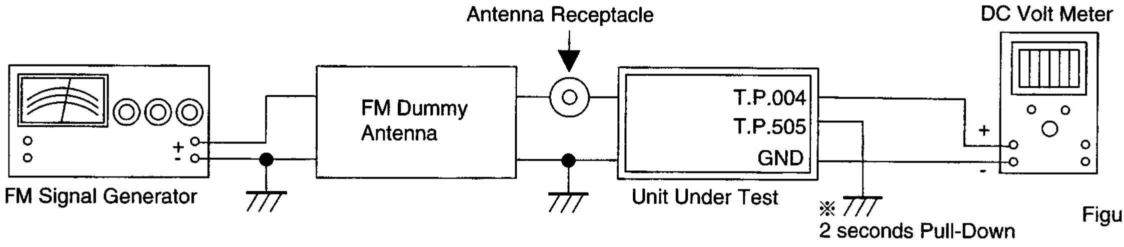

Antenna Receptacle
DC Volt Meter
FM Dummy Antenna
T.P.004
T.P.505
GND
+
-
FM Signal Generator
Unit Under Test
※
2 seconds Pull-Down

Figure 3

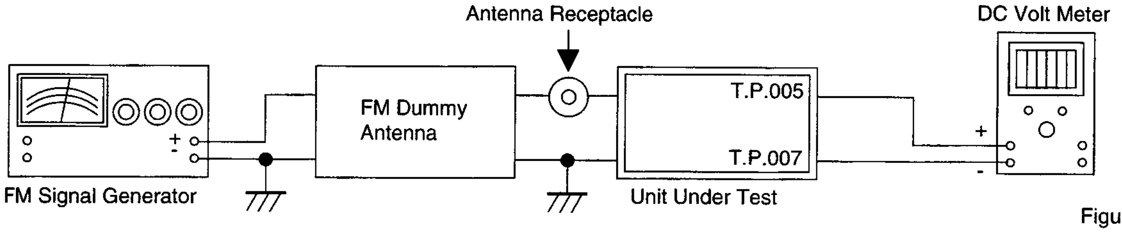

Antenna Receptacle
DC Volt Meter
FM Dummy Antenna
T.P.005
T.P.007
+
-
FM Signal Generator
Unit Under Test

Figure 4

(3) Control Settings

Power Switch .... ON
Fader Control .... Center Position
Balance Control .... Center Position
BBE Switch (TDA-7572R Model Only) ..... OFF

DOLBY Switch .... OFF
LOUD Switch (TDA-7570R Model Only) .... OFF
Others .... OFF

(4) Adjustment Procedures

Step	Description	Connection	Signal Generator	Dial Control	Test Point / P.W.Board Coordinates	Adjustment
1	Signal Meter Auto Adjustment	Figure 3	98.1MHz, 51Bµ (Mod. OFF)	98.1MHz	T.P.004 (1-C) T.P.505 (1-D)	Auto Adjustment : After setting up of Signal Genarator, short GND and T.P.505 (Pull-Down) for 2 seconds. Confirm T.P.004 output voltage is 3±0.2V.
2	IF Adjustment	Figure 4	98.1MHz, 72dBµ (Mod. 400Hz, Dev. 40kHz)	98.1MHz	T.P.005 (1-C) T.P.007 (1-C)	Adjust L2009 to 0±100mV.
3	AM Seek Stop Auto Adjustment	Figure 3	999kHz, 34dBµ (Mod. OFF)	999kHz	T.P.004 (1-C) T.P.505 (1-D)	Auto Adjustment : After setting up of Signal Genarator, short GND and T.P.505 (Pull-Down) for 2 seconds. Confirm T.P.004 output voltage is 1.8±0.3V.

2. TAPE PLAYER SECTION

(1) Connection

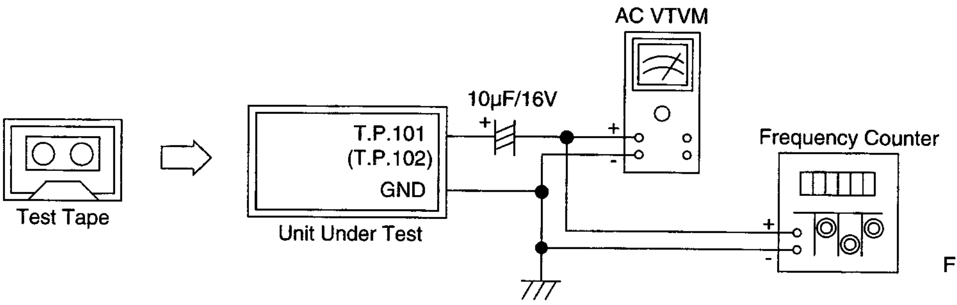


Figure 5

(2) Control Settings

Power Switch	ON	DOLBY Switch	OFF
Fader Control	Center Position	LOUD Switch (TDA-7570R Model Only)	OFF
Balance Control	Center Position	Others	OFF
BBE Switch (TDA-7572R Model Only)	OFF		

(3) Adjustment Procedures

Step	Description	Test Tape	Connection	Test Point / P.W.Board Coordinates	Adjustment Point	Adjustment
1	Head Azimuth Adjustment	MTT-114NB (14kHz)	Figure 5	T.P.101 (Lch) (4-B) T.P.102 (Rch) (4-B)	Head Azimuth Adjustment Screws (Figure 6)	Adjust for Max. and same level output at Forward and Reverse positions.
2	Dolby Level Adjustment	MTT-150 (400Hz)	Figure 5	T.P.101 (Lch) (4-B) T.P.102 (Rch) (4-B)	VR1101 (Lch) VR1102 (Rch)	Adjust for 388mV ±0.5dB at T.P.101 (Lch) and T.P.102 (Rch).
3	Tape Speed Adjustment	MTT-111N (3kHz)	Figure 5	T.P.101 (Lch) (4-B) or T.P.102 (Rch) (4-B)	Tape Speed Adjustment (Figure 7)	Adjust for 2,970 to 3,090Hz at T.P.101 (T.P.102).

Adjustment Locations

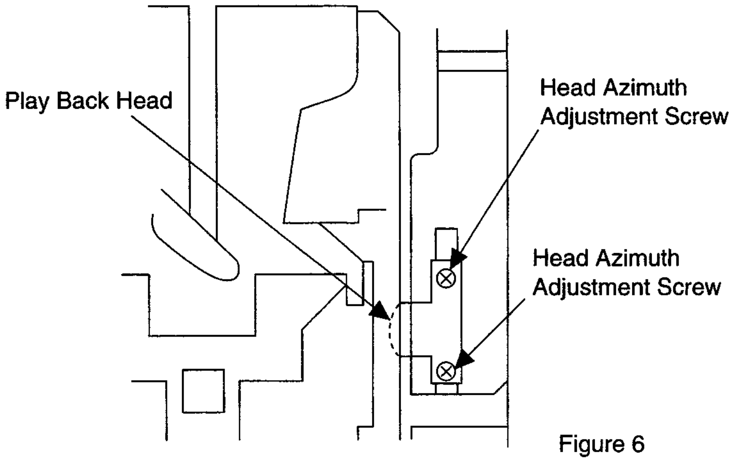

Play Back Head
Head Azimuth Adjustment Screw
Head Azimuth Adjustment Screw

Figure 6

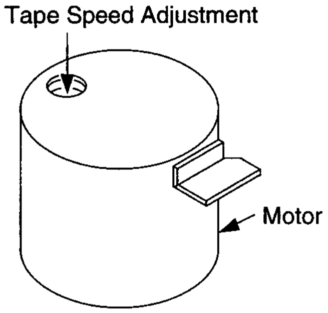
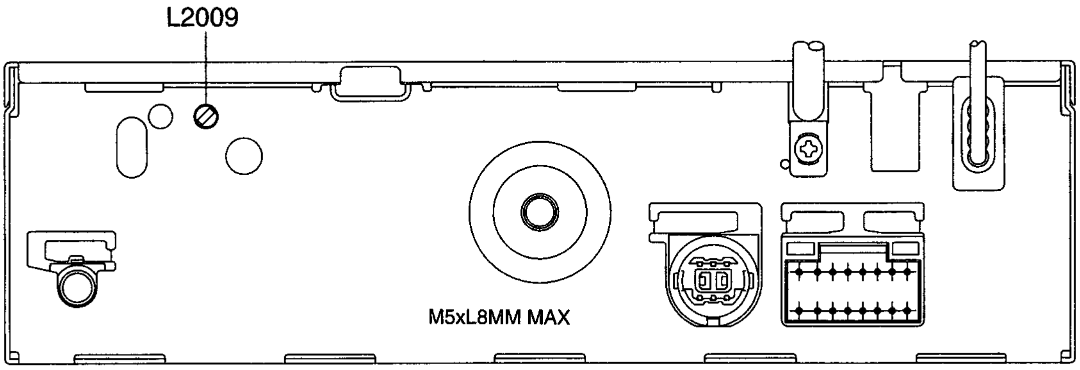

Tape Speed Adjustment
Motor

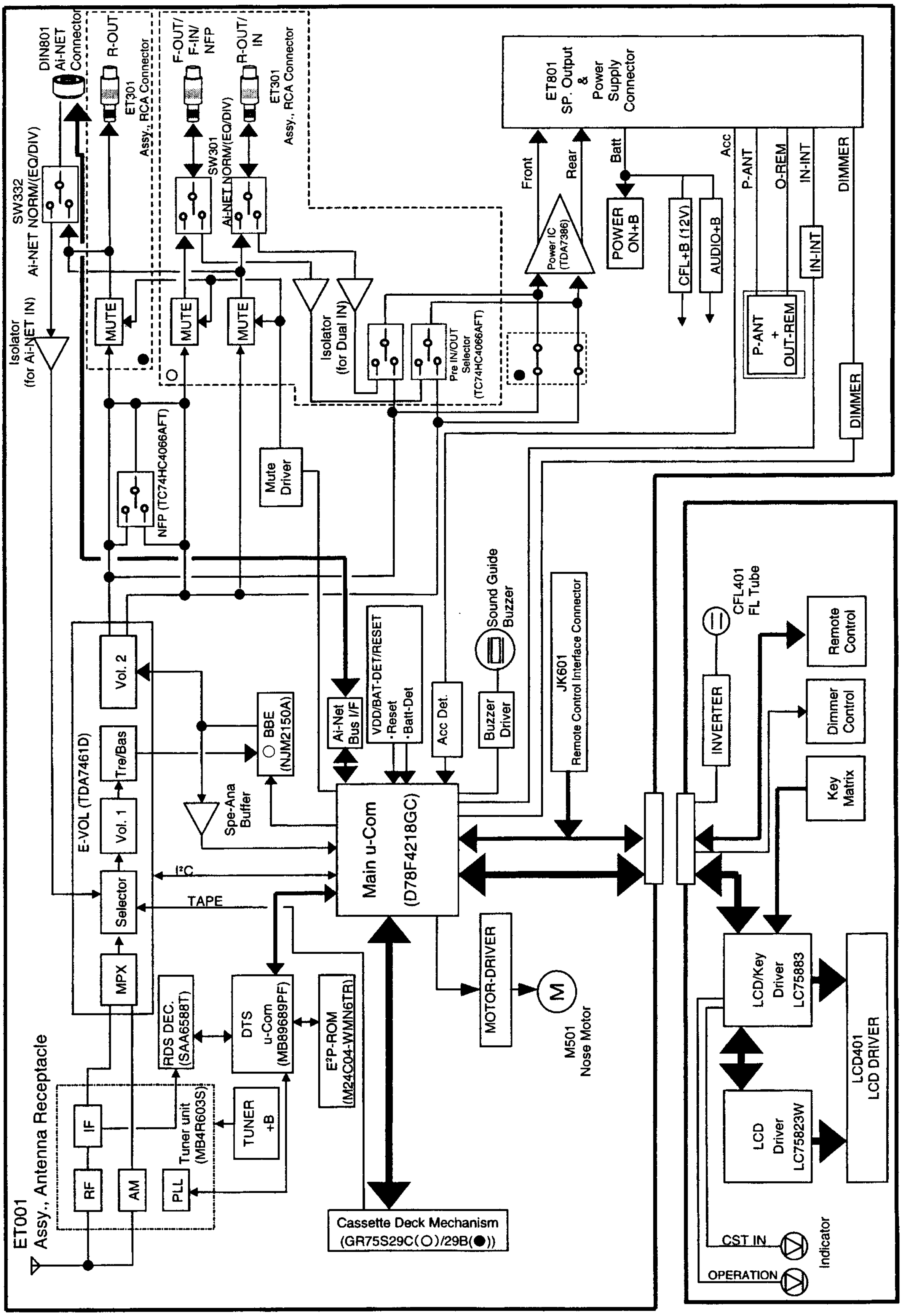
Figure 7


L2009
M5xL8MM MAX

<TDA-7572R>

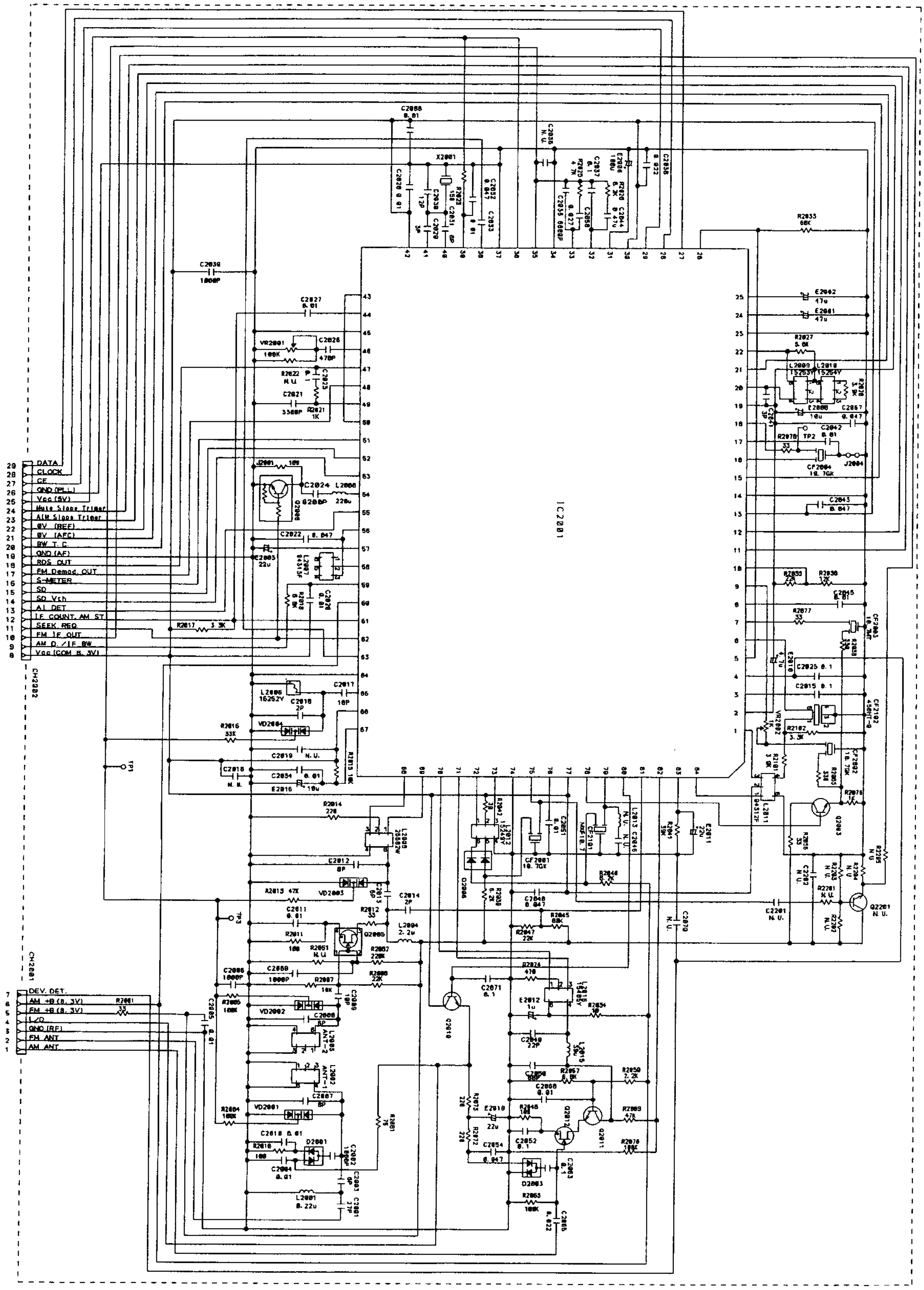
NOTE : For theAdjustment parts (VR1101, VR1102) and Test Points, refer to the Parts Layout on P.W.Boards and Wiring Diagram.

Block Diagram


DIN801 Ai-NET Connector
R-OUT
ET301 Assy., RCA Connector
F-OUT/ F-IN/ NFP
R-OUT/ IN
ET301 Assy., RCA Connector
SW332 Ai-NET NORM/(EQ/DIV)
SW301 Ai-NET NORM/(EQ/DIV)
Isolator (for Ai-NET IN)
MUTE
MUTE
MUTE
Isolator (for Dual IN)
Pre IN/OUT Selector (TC74HC4066AFT)
NFP (TC74HC4066AFT)
Mute Driver
ET801 SP. Output & Power Supply Connector
Front
Rear
Power IC (TDA7386)
Batt
POWER ON+B
CFL+B (12V)
AUDIO+B
Acc
P-ANT
O-REM
IN-INT
DIMMER
IN-INT
P-ANT + OUT-REM
DIMMER
E-VOL (TDA7461D)
Vol. 2
Tre/Bas
Vol. 1
Selector
MPX
BBE ○ (NJM2150A)
Spe-Ana Buffer
Ai-Net Bus I/F
VDD/BAT-DET/RESET
• Reset
• Batt-Det
Acc Det.
Sound Guide Buzzer
Buzzer Driver
JK601 Remote Control Interface Connector
I²C
TAPE
Main u-Com (D78F4218GC)
MOTOR-DRIVER
M
M501 Nose Motor
RDS DEC. (SAA6588T)
DTS u-Com (MB89689PF)
E²P-ROM (M24C04-WMN6TR)
TUNER +B
Tuner unit (MB4R603S)
IF
RF
AM
PLL
ET001 Assy., Antenna Receptacle
Cassette Deck Mechanism (GR75S29C(○)/29B(●))
CFL401 FL Tube
INVERTER
Remote Control
Dimmer Control
Key Matrix
LCD/Key Driver LC75883
LCD Driver LC75823W
LCD401 LCD DRIVER
CST IN
OPERATION
Indicator

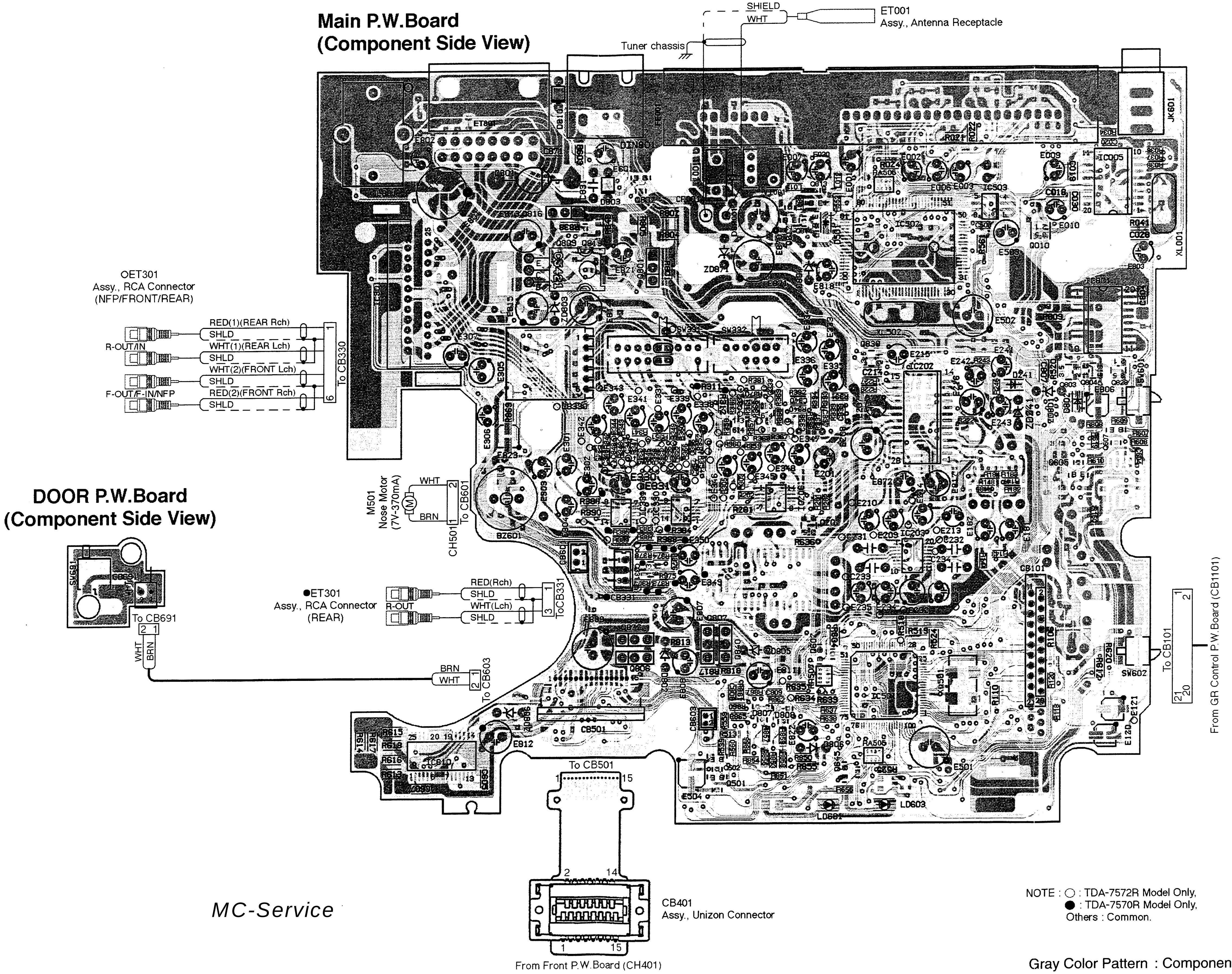
MC-Service

Tuner Schematic Diagram


IC2001
CN2002
29 DATA
28 CLOCK
27 CE
26 GND (PLL)
25 Vcc (5V)
24 Mute Slope Trimer
23 AIM Slope Trimer
22 0V (REF)
21 0V (AFC)
20 BW T.C.
19 GND (AF)
18 RDS OUT
17 FM Demod. OUT
16 S-METER
15 SD
14 SD Vth
13 AI DET
12 IF COUNT, AM ST
11 SEEK REQ
10 FM IF OUT
9 AM D./IF BW
8 Vcc (COM 8.3V)
CN2001
7 DEV. DET.
6 AM +B (8.3V)
5 FM +B (8.3V)
4 L/D
3 GND (RF)
2 FM ANT
1 AM ANT
R2001 33
TP1
TP2
TP3
X2001
CF2001 10.7GX
CF2002 10.7GX
CF2003 10.7MT
CF2004 10.7GX
CF2101 450BT-B
Q2001
Q2002
Q2003
Q2005
Q2010
Q2011
Q2012
Q2201 N.U.
D2001
D2002
D2003
VD2001
VD2002
VD2003
VD2004
L2001 0.22u
L2002 ANT-1
L2003 ANT-2
L2004 2.2u
L2009 15263Y
L2010 15264Y
J2001
J2004
VR2001 100K
VR2002

NOTE: N. U. is Not Used Parts.

Parts Layout on P.W. Boards and Wiring Diagram (1/4)


Main P.W.Board
(Component Side View)
SHIELD
WHT
ET001
Assy., Antenna Receptacle
Tuner chassis
JK601
XL001
IC005
IC503
IC502
IC801
IC202
IC203
IC501
IC810
ZD871
DIN801
OET301
Assy., RCA Connector
(NFP/FRONT/REAR)
R-OUT/IN
F-OUT/F-IN/NFP
RED(1)(REAR Rch)
SHLD
WHT(1)(REAR Lch)
SHLD
WHT(2)(FRONT Lch)
SHLD
RED(2)(FRONT Rch)
SHLD
To CB330
1
6
DOOR P.W.Board
(Component Side View)
SW691
CB691
To CB691
2 1
WHT
BRN
BRN
WHT
To CB603
M501
Nose Motor
(7V-370mA)
WHT
BRN
2
1
To CB601
CH501
●ET301
Assy., RCA Connector
(REAR)
R-OUT
RED(Rch)
SHLD
WHT(Lch)
SHLD
To CB331
1
3
CB501
To CB501
1
15
2
14
1
15
CB401
Assy., Unizon Connector
From Front P.W.Board (CH401)
CB101
SW602
To CB101
1
2
21
20
From GR Control P.W.Board (CB1101)
LD601
LD603
1
2
3
4
5
A
B
C
D
E
F
G

NOTE : ○ : TDA-7572R Model Only,
● : TDA-7570R Model Only,
Others : Common.

Gray Color Pattern : Component Side Pattern
Blue Color Pattern : Foil Side Pattern

Parts Layout on P.W. Boards and Wiring Diagram (2/4)

1

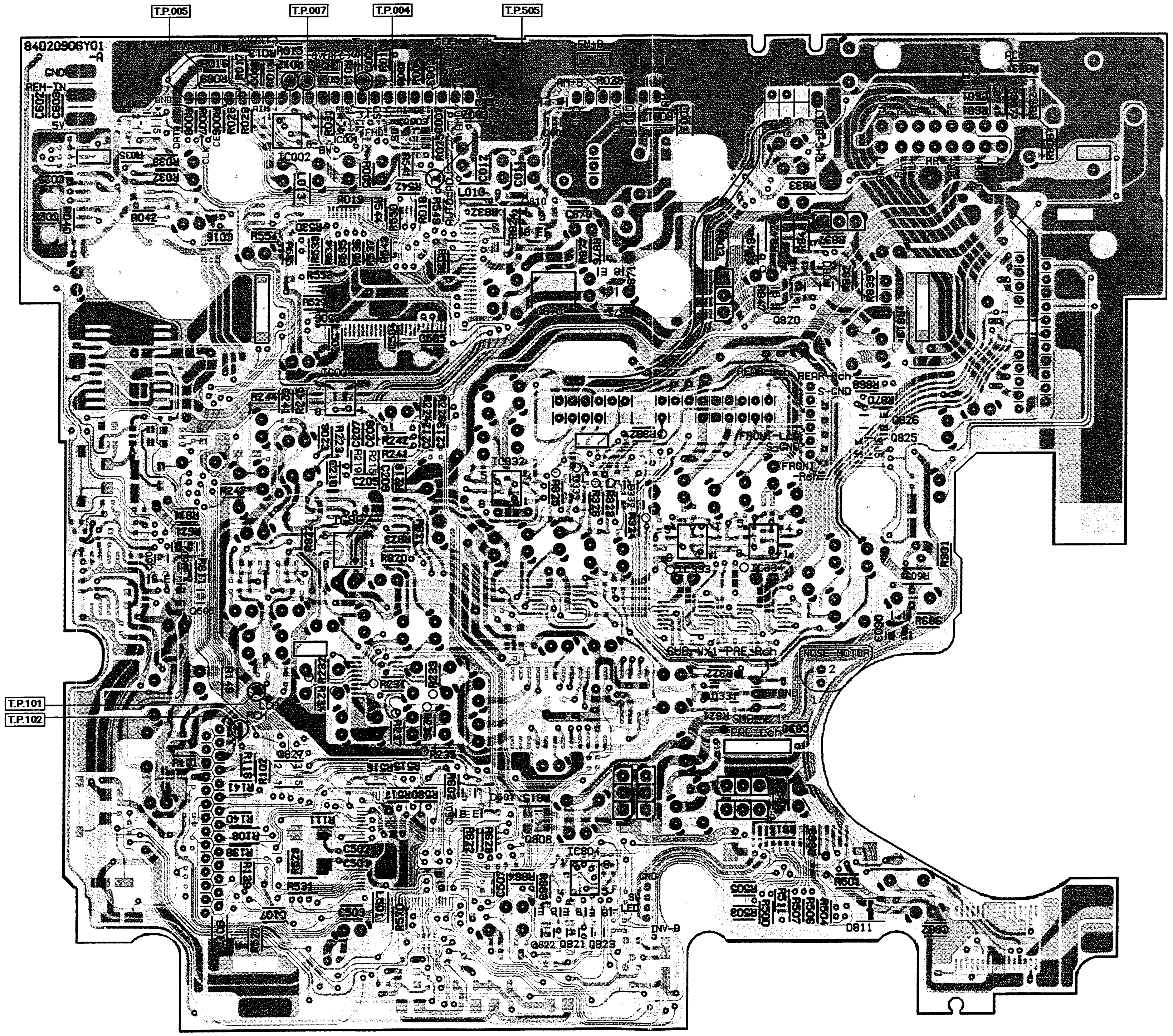
2

3

4

5

Main P.W.Board (Foil Side View)


T.P.005
T.P.007
T.P.004
T.P.505
T.P.101
T.P.102
84D20906Y01
-A
GND
REM-IN
5V
IC002
Q820
REAR-Rch
S-GND
FRONT-Lch
S-GND
FRONT
IC832
Q826
Q825
SUB.V/L PRE-Rch
NOSE MOTOR
PRE-Lch
IC804
Q822 Q821 Q823
INV-B
D811

NOTE : ○ : TDA-7572R Model Only,
● : TDA-7570R Model Only,
Others : Common.

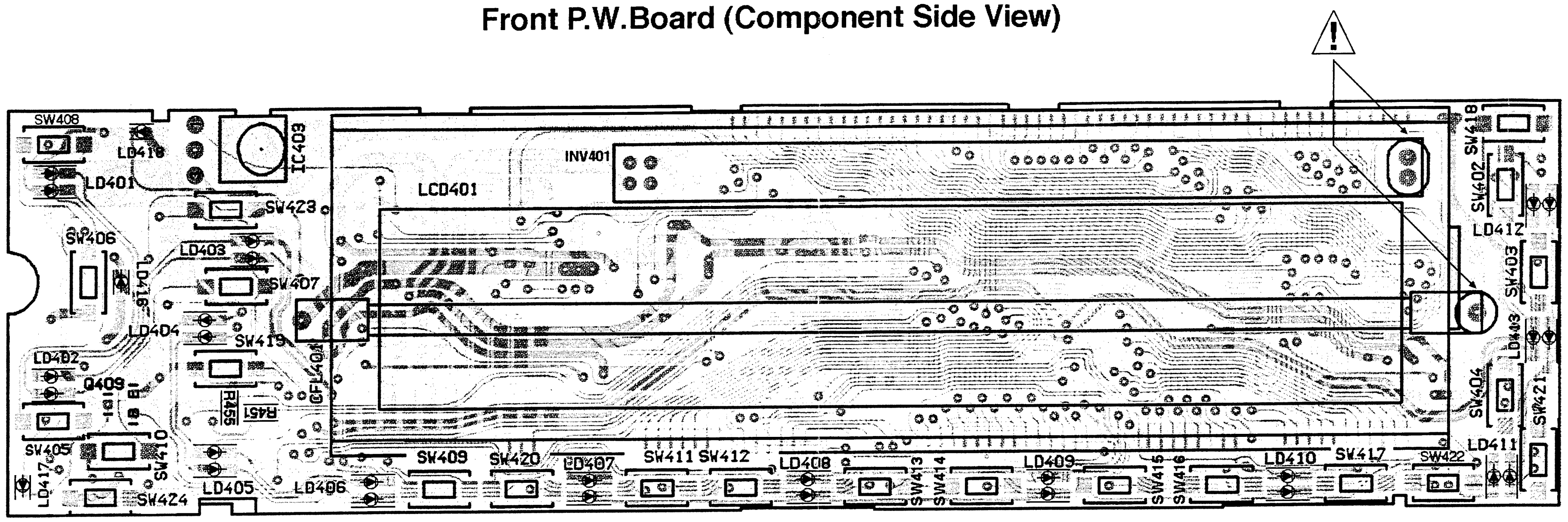
Gray Color Pattern : Component Side Pattern
Blue Color Pattern : Foil Side Pattern

A | B | C | D | E | F | G

Parts Layout on P.W. Boards and Wiring Diagram (3/4)

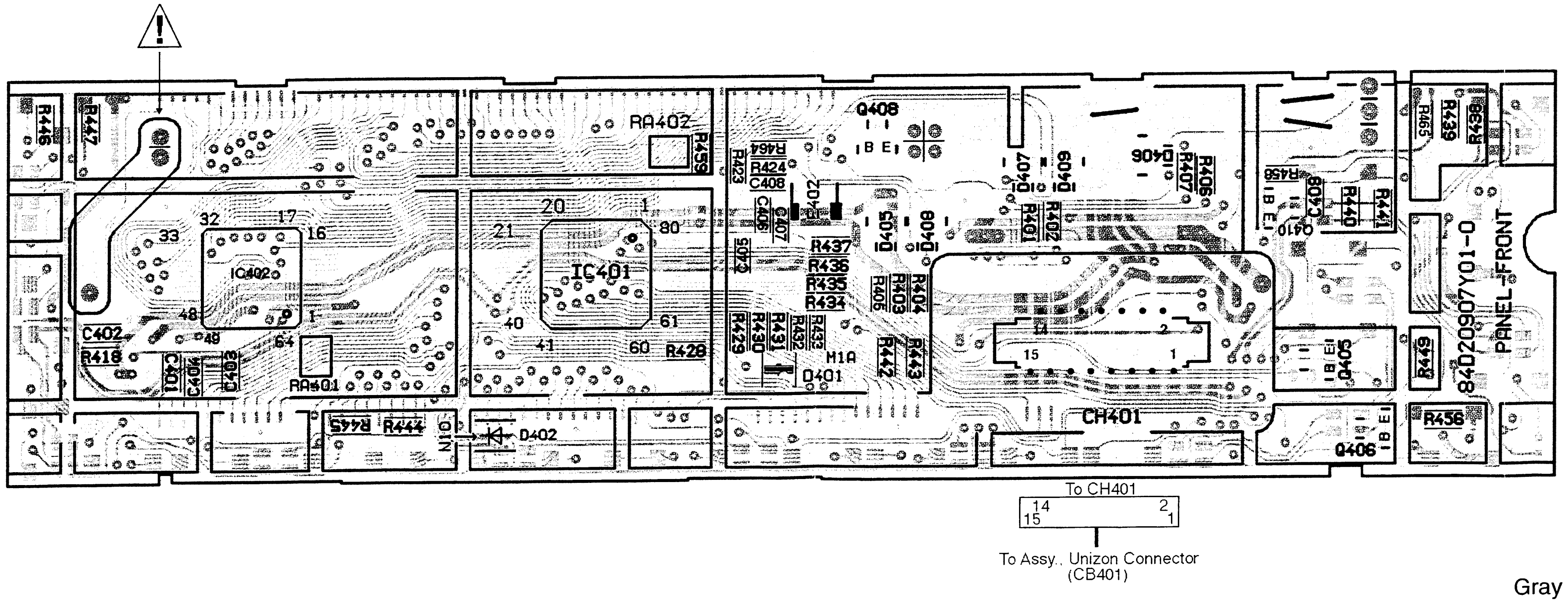
Caution : The part marked with ⚠ is generating a high voltage, so care will be necessary when working.

Front P.W.Board (Component Side View)



⚠
SW408
LD418
LD401
IC403
SW423
SW406
LD403
LD416
SW407
LD404
SW419
LD402
Q409
R455
R451
CFL401
SW405
SW410
SW424
LD417
LD405
LD406
SW409
SW420
LD407
SW411
SW412
LD408
SW413
SW414
LD409
SW415
SW416
LD410
SW417
SW422
LD411
SW421
SW404
LD413
SW403
LD412
SW402
SW418
INV401
LCD401

Front P.W.Board (Foil Side View)

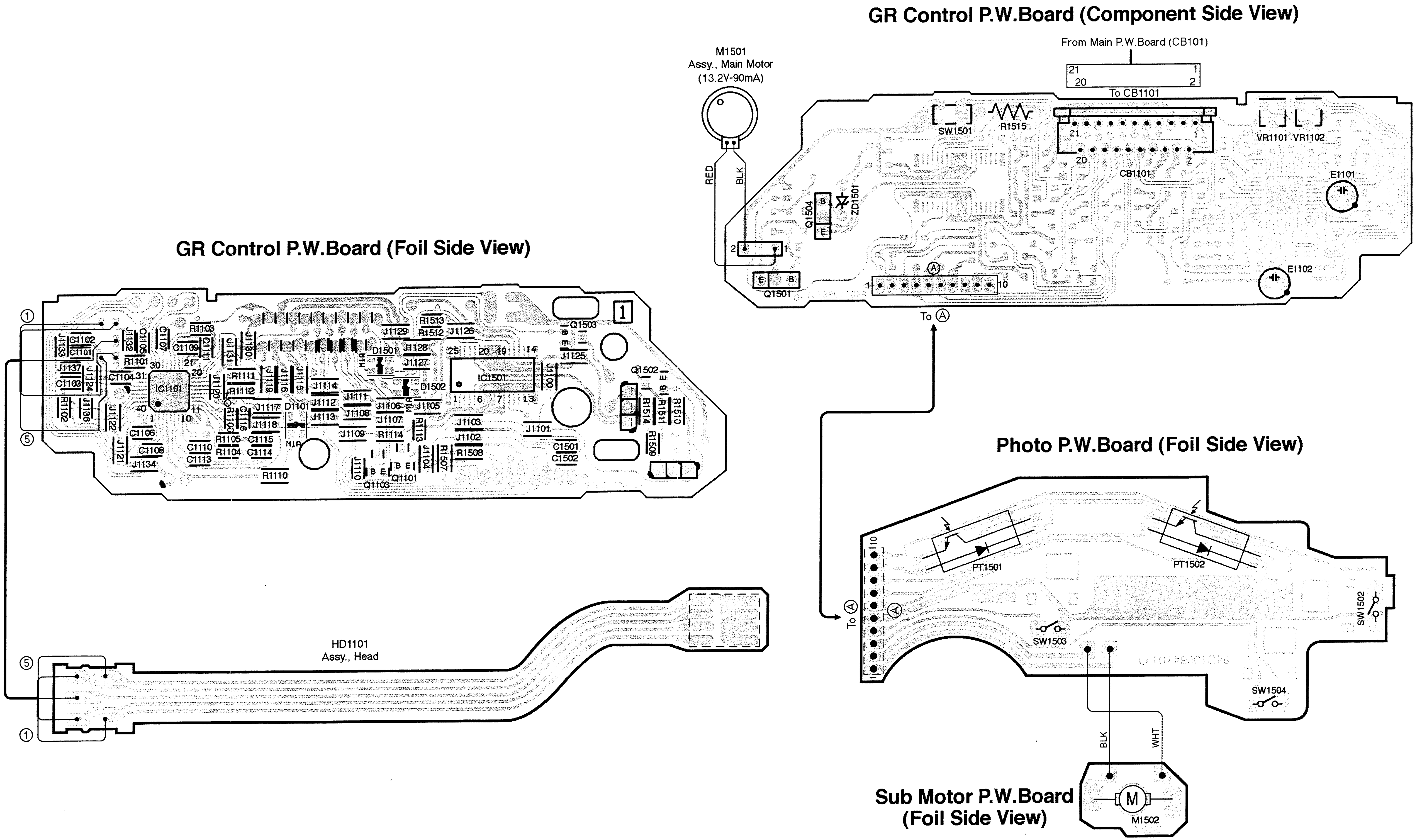


⚠
R446
R447
RA402
R459
IC402
32
17
16
33
48
49
64
1
C402
R418
C401
C404
C403
RA401
IC401
20
1
21
80
40
41
60
61
R428
R445
R444
N10
D402
Q408
B E
R454
R424
R423
C408
C406
C407
D402
R437
R436
R435
R434
R429
R430
R431
R432
R433
H1A
D401
D405
D408
D407
D409
D406
R401
R402
R403
R404
R405
R406
R407
R442
R443
14
2
15
1
CH401
R458
C409
Q410
R440
R441
R465
R439
R438
84D20907Y01-0
PANEL FRONT
Q405
R449
R456
Q406
To CH401
14 2
15 1
To Assy.. Unizon Connector
(CB401)

Gray Color Pattern : Component Side Pattern

Blue Color Pattern : Foil Side Pattern

Parts Layout on P.W. Boards and Wiring Diagram (4/4)



GR Control P.W.Board (Component Side View)

GR Control P.W.Board (Foil Side View)

Photo P.W.Board (Foil Side View)

Sub Motor P.W.Board (Foil Side View)

M1501
Assy., Main Motor
(13.2V-90mA)
RED
BLK
From Main P.W.Board (CB101)
21 1
20 2
To CB1101
SW1501
R1515
CB1101
VR1101 VR1102
E1101
E1102
Q1504
ZD1501
Q1501
To Ⓐ
Ⓐ
1
10
①
⑤
IC1101
IC1501
D1501
D1502
D1101
Q1503
Q1502
Q1101
Q1103
C1101
C1102
C1103
C1104
C1105
C1106
C1107
C1108
C1109
C1110
C1111
C1113
C1114
C1115
C1116
C1501
C1502
R1101
R1102
R1103
R1104
R1105
R1106
R1110
R1111
R1112
R1113
R1114
R1507
R1508
R1509
R1510
R1511
R1512
R1513
R1514
J1100
J1101
J1102
J1103
J1104
J1105
J1106
J1107
J1108
J1109
J1110
J1111
J1112
J1113
J1114
J1115
J1116
J1117
J1118
J1119
J1120
J1121
J1122
J1124
J1125
J1126
J1127
J1128
J1129
J1130
J1131
J1132
J1133
J1134
J1136
J1137
HD1101
Assy., Head
PT1501
PT1502
SW1502
SW1503
SW1504
BLK
WHT
M1502
M

NOTE : ○ : TDA-7572R Model Only,
Others : Common.

MC-Service

Blue Color Pattern : Foil Side Pattern

Schematic Diagram (1/7)

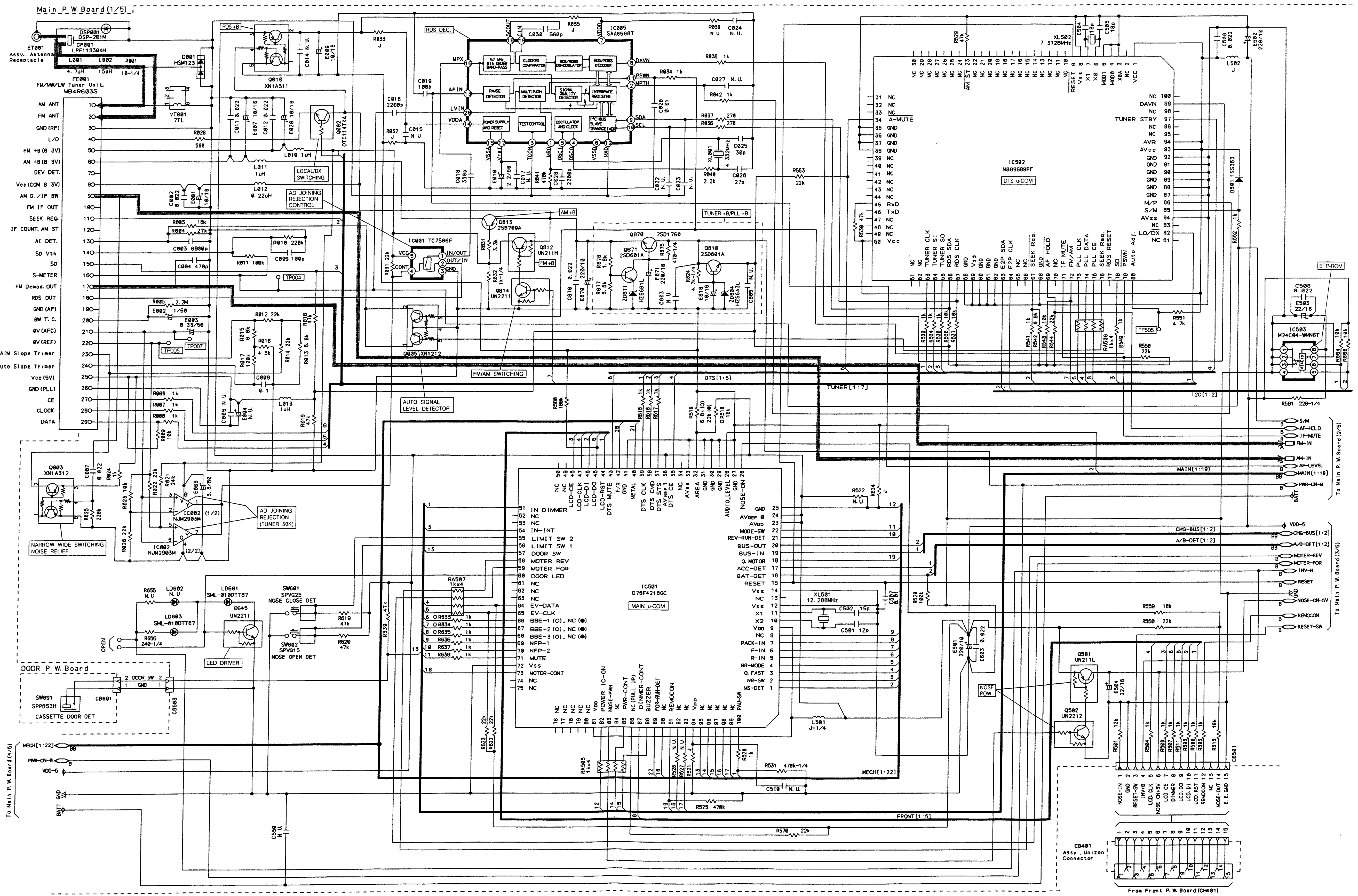
1

2

3

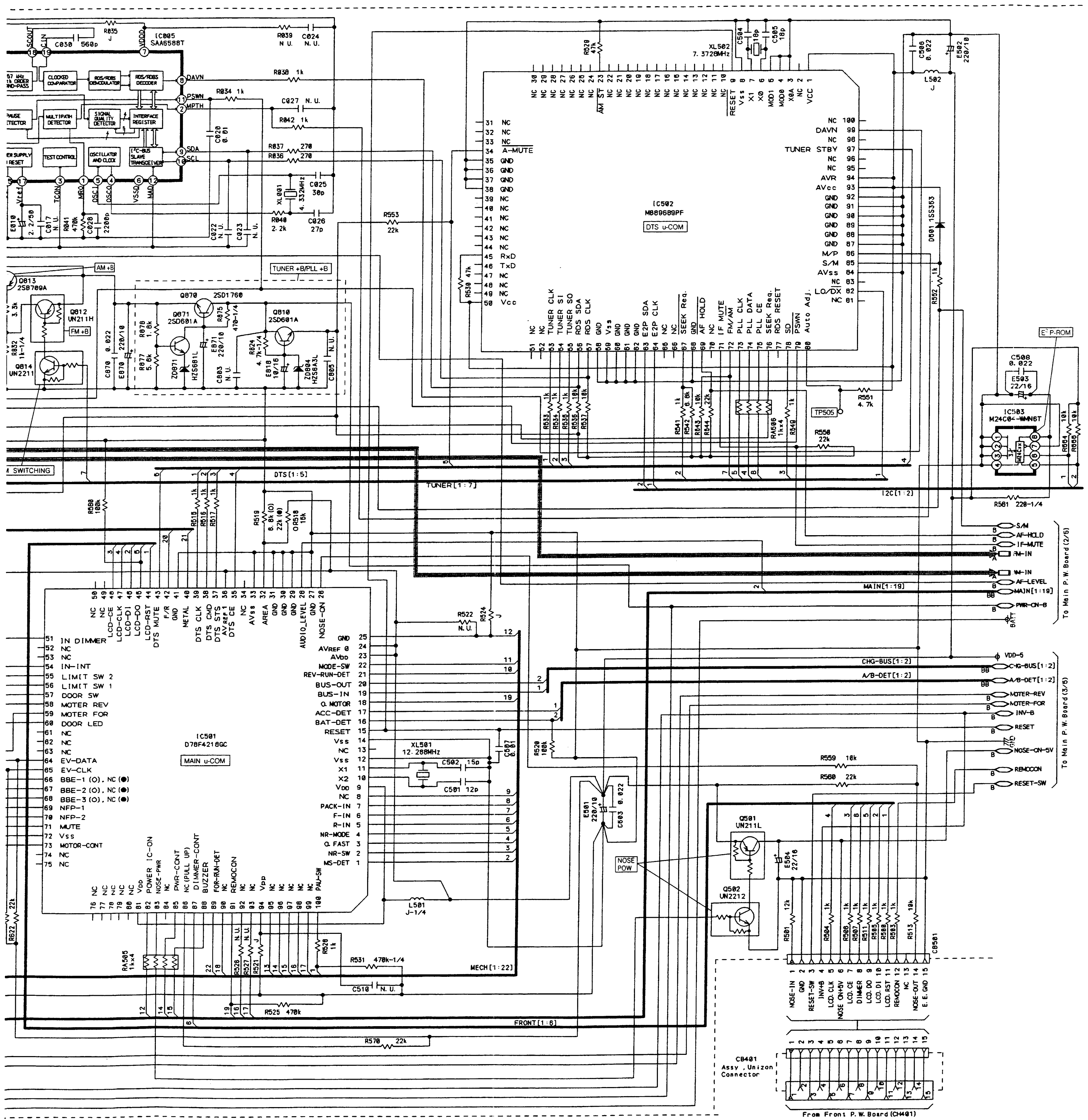
4

5


Main P.W. Board (1/5)
ET001 Assy. Antenna Receptacle
DSP001 DSP-201M
CF001 LPF11830KH
FE001 FM/MW/LW Tuner Unit MB4R603S
AM ANT
FM ANT
GND (RF)
L/D
FM +B (8.3V)
AM +B (8.3V)
DEV DET.
Vcc (COM 8.3V)
AM D./IF BW
FM IF OUT
SEEK REQ.
IF COUNT, AM ST
AI DET.
SD Vth
SD
S-METER
FM Demod. OUT
RDS OUT
GND (AF)
BW T.C.
0V (AFC)
0V (REF)
AIM Slope Trimer
Mute Slope Trimer
Vcc (5V)
GND (PLL)
CE
CLOCK
DATA
Q010 XN1A311
Q002 DTC143TKA
LOCAL/DX SWITCHING
AD JOINING REJECTION CONTROL
IC001 TC7S66F
RDS DEC.
IC005 SAA6588T
57 kHz 8th ORDER BAND-PASS
CLOCKED COMPARATOR
RDS/RBDS DEMODULATOR
RDS/RBDS DECODER
PAUSE DETECTOR
MULTIPATH DETECTOR
SIGNAL QUALITY DETECTOR
INTERFACE REGISTER
POWER SUPPLY AND RESET
TEST CONTROL
OSCILLATOR AND CLOCK
I²C-BUS SLAVE TRANSCEIVER
XL001 4.332MHz
Q013 2SB709A
Q012 UN211H
Q014 UN2211
FM/AM SWITCHING
Q005 XN1212
AUTO SIGNAL LEVEL DETECTOR
TUNER +B/PLL +B
Q070 2SD1760
Q071 2SD601A
Q010 2SD601A
Q003 XN1A312
NARROW WIDE SWITCHING NOISE RELIEF
IC002 NJM2903M
AD JOINING REJECTION (TUNER 50K)
LD601 SML-010DTT87
LD602
LD603 SML-010DTT87
Q645 UN2211
LED DRIVER
SW601 SPVG23 NOSE CLOSE DET
SW602 SPVG13 NOSE OPEN DET
OPEN
DOOR P.W. Board
SW691 SPPB53H CASSETTE DOOR DET
IC501 D78F4218GC
MAIN u-COM
XL501 12.288MHz
DTS[1:5]
TUNER[1:7]
I2C[1:2]
MAIN[1:19]
MECH[1:22]
FRONT[1:6]
IC502 MB89689PF
DTS u-COM
XL502 7.3728MHz
E²P-ROM
IC503 M24C04-WMN6T
Q501 UN211L
Q502 UN2212
NOSE POW
CN501
CN401 Assy. Unizon Connector
From Front P.W. Board (CN401)
To Main P.W. Board (4/5)
To Main P.W. Board (2/5)
To Main P.W. Board (3/5)
S/M
AF-HOLD
IF-MUTE
FM-IN
AM-IN
AF-LEVEL
MAIN[1:19]
PWR-ON-B
BATT
VDD-5
CHG-BUS[1:2]
A/B-DET[1:2]
MOTER-REV
MOTER-FOR
INV-B
RESET
NOSE-ON-5V
REMOCON
RESET-SW
MECH[1:22]
GND

NOTE: N.U. is Not Used Parts.

A | B | C | D | E | F | G | H


IC805 SAA6588T
CLOCKED COMPARATOR
RDS/RBDS DEMODULATOR
RDS/RBDS DECODER
MULTIPATH DETECTOR
SIGNAL QUALITY DETECTOR
INTERFACE REGISTER
TEST CONTROL
OSCILLATOR AND CLOCK
I²C-BUS SLAVE TRANSCEIVER
XL801 4.332MHz
XL502 7.3728MHz
IC502 MB89689PF
DTS u-COM
IC501 D78F4218GC
MAIN u-COM
XL501 12.288MHz
IC503 M24C04-WMN6T
E²P-ROM
Q813 2SB709A
Q812 UN211H
Q814 UN2211
Q870 2SD1760
Q871 2SD601A
Q810 2SD601A
Q501 UN211L
Q502 UN2212
TUNER +B/PLL +B
AM +B
FM +B
DTS[1:5]
TUNER[1:7]
I2C[1:2]
MAIN[1:19]
CHG-BUS[1:2]
A/B-DET[1:2]
MECH[1:22]
FRONT[1:6]
S/M
AF-HOLD
IF-MUTE
FM-IN
AM-IN
AF-LEVEL
MAIN[1:19]
PWR-ON-B
VDD-5
CHG-BUS[1:2]
A/B-DET[1:2]
MOTER-REV
MOTER-FOR
INV-B
RESET
NOSE-ON-5V
REMOCON
RESET-SW
To Main P.W.Board (2/5)
To Main P.W.Board (3/5)
TP505
NOSE POW
CB501
CB401 Assy, Unizon Connector
From Front P.W.Board (CH401)
SWITCHING

NOTE: N.U. is Not Used Parts.

IC001

1	5V/ 0V	POWER ON/ OFF
2~5	0V	

IC002

1	8.3V/ 0V	POWER ON/ OFF
2	3.6V/ 0V	
3	4.5V/ 0V	
4	0V	
5	6.5V/ 0V	
6	4.4V/ 0V	
7, 8	8.3V/ 0V	

IC005

1~7	0V	POWER ON
8	4.9V	
9~13	0V	
14	4.9V	
15~20	0V	

IC501

1	0V/ 5V	PACK IN/ OUT	51		5V/ 0V	DIMMER OFF/ ON
2~6	0V		52, 53		NC	
7	5V/ 0V	PACK IN/ OUT	54~60		5V/ 0V	IN-INT ON/ OFF
8	NC		61~63		NC	
9	5V		64, 65		5V	
10, 11	PS		66	○	5V	
12	0V			●	NC	
13	NC		67	○	0V	
14	0V			●	NC	
15	0V/ 5V	RESET ON/ OFF	68	○	5V	
16, 17	5V			●	NC	
18~20	PS		69		5V	
21, 22	5V/ 0V	DISK DET/ Others	70~72		0V	
23~25	5V		73		5V	
26	2.5V		74~76		0V	
27	0V		77~80		NC	
28	PS		81		5V	
29~31	0V		82, 83		5V/ 0V	Power ON/ OFF
32	5V		84		NC	
33	0V		85		5V/ 0V	Power ON/ OFF
34	NC		86		5V	
35	PS		87		5V/ PS	DIMMER OFF/ ON
36	5V		88		PS	
37~39	PS		89		0V/ 5V	DISC EJECT/ Others
40	0V/ 5V	TUNER/ CD	90		0V/ 5V	Power ON/ OFF
41	0V		91		PS	
42	PS		92, 93		NC	
43	5V/ 0V	MODE CHANGE (TUNER)/ Others	94		0V	
44	5V/ 0V	DISPLAY SWITCHING/ Others	95~99		NC	
45~48	PS		100		—	
49, 50	NC					

IC502

1	5V		69	5V/ 0V	POWER ON/ OFF
2	NC		70	NC	
3~5	0V		71, 72	5V/ 0V	POWER ON/ OFF
6, 7	PS		73~75	PS	
8	0V		76	5V/ 0V	POWER ON/ OFF
9	5V/ 0V	POWER ON/ OFF	77	NC	
10~22	NC		78, 79	5V/ 0V	POWER ON/ OFF
23	0V		80	5V	
24~33	NC		81	NC	
34	5V/ 0V	POWER ON/ OFF	82	5V/ 0V	POWER ON/ OFF
35~38	0V		83	NC	
39~44	NC		84	0V	
45, 46	PS		85	SIGNAL	
47~49	NC		86	5V/ 0V	POWER ON/ OFF
50	5V		87~92	0V	
51, 52	NC		93, 94	5V	
53~57	PS		95, 96	NC	
58~62	0V		97	5V/ 0V	POWER ON/ OFF
63, 64	PS		98	NC	
65, 66	NC		99	5V/ 0V	POWER ON/ OFF
67	5V/ 0V	POWER ON/ OFF	100	NC	
68	0V				

IC503

1~4	0V
5, 6	5V
7	0V
8	5V

	E	C	B	MODE
Q002	0V	8.4V	0V	LO → DX
Q501	5V/ 5V	5V/ 0V	0V/ 5V	NOSE ON/ OFF
Q502	0V	5V/ 0V	5V/ 0V	NOSE ON/ OFF
Q645	0V	5.7V	5V	Close
Q810	5V/ 0V	12.6V/ 0V	5.6V/ 0V	POWER ON/ OFF
Q812	8.4V/ 8.4V	8.3V/ 0V	0V/ 8.4V	FM/ AM
Q813	8.4V/ 8.4V	0V/ 8.2V	8.3V/ 7.6V	FM/ AM
Q814	0V	0V/ 8.4V	2.8V/ 0V	FM/ AM
Q870	8.4V/ 0V	12.6V/ 0V	9V/ 0V	POWER ON/ OFF
Q871	5.7V/ 0V	9V/ 0V	6.3V/ 0V	POWER ON/ OFF

	1	2	3	4	5	MODE
Q003	NC	0V	5V	0V	0V	POWER ON
Q005	0V	0V	0V	0V	5V	SEEK ON
Q010	NC	5V/ 0V	5V/ 5V	8.4V/ 0V	0V	POWER ON/ OFF

<Measuring Conditions>

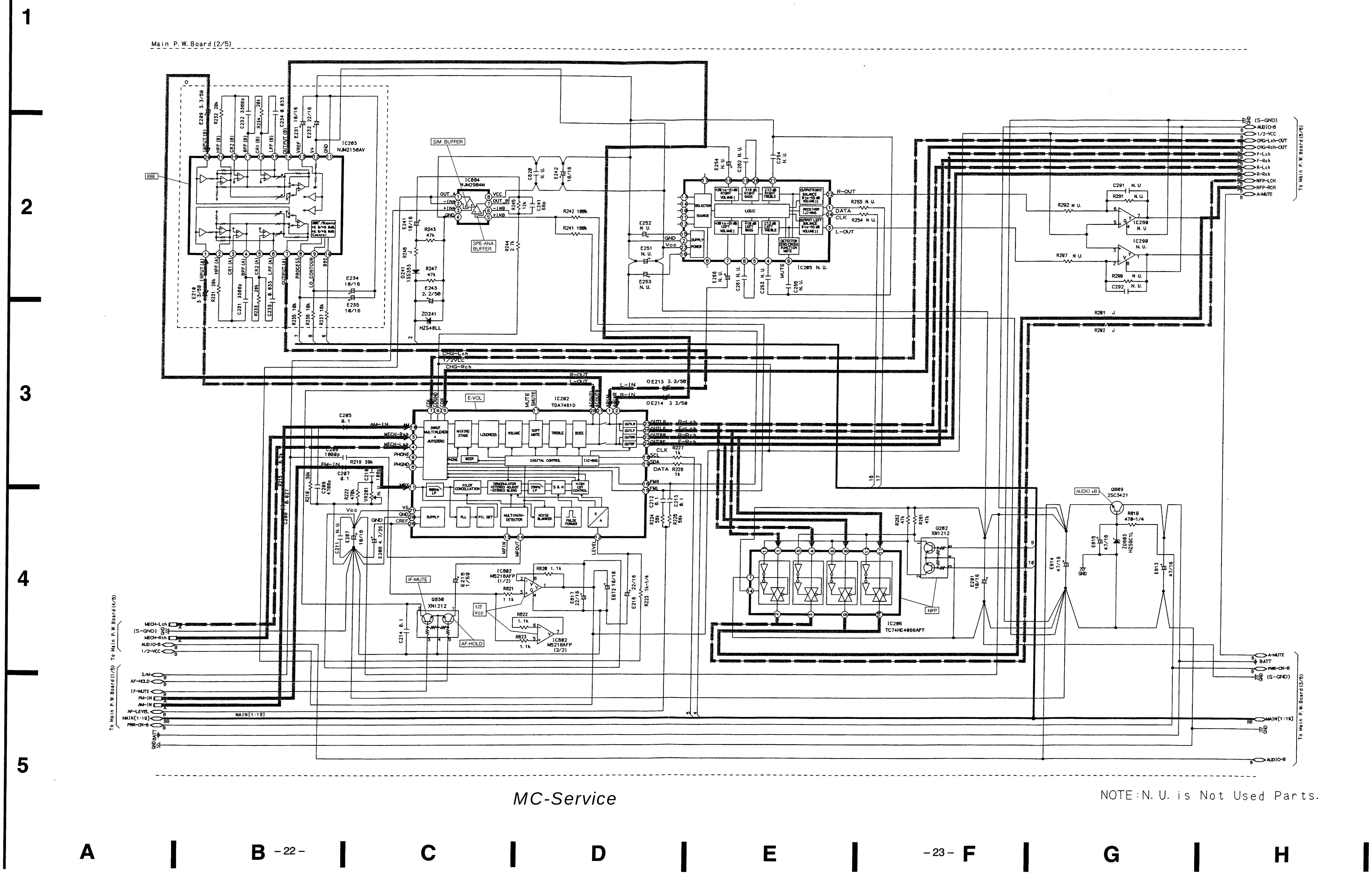
1. Power Supply Voltage	: DC14.4V
2. Measuring Meter	: Digital Multi Meter
3. Measuring Point Reference	: Between Ground
4. Measuring Conditions	: No Signal Input FM : 98.1MHz AM : 999kHz (MW) TAPE: Blank Tape Play

NOTE: ○ : For TDA-7572R Model Only,
● : For TDA-7570R Model Only,
Others : Common.

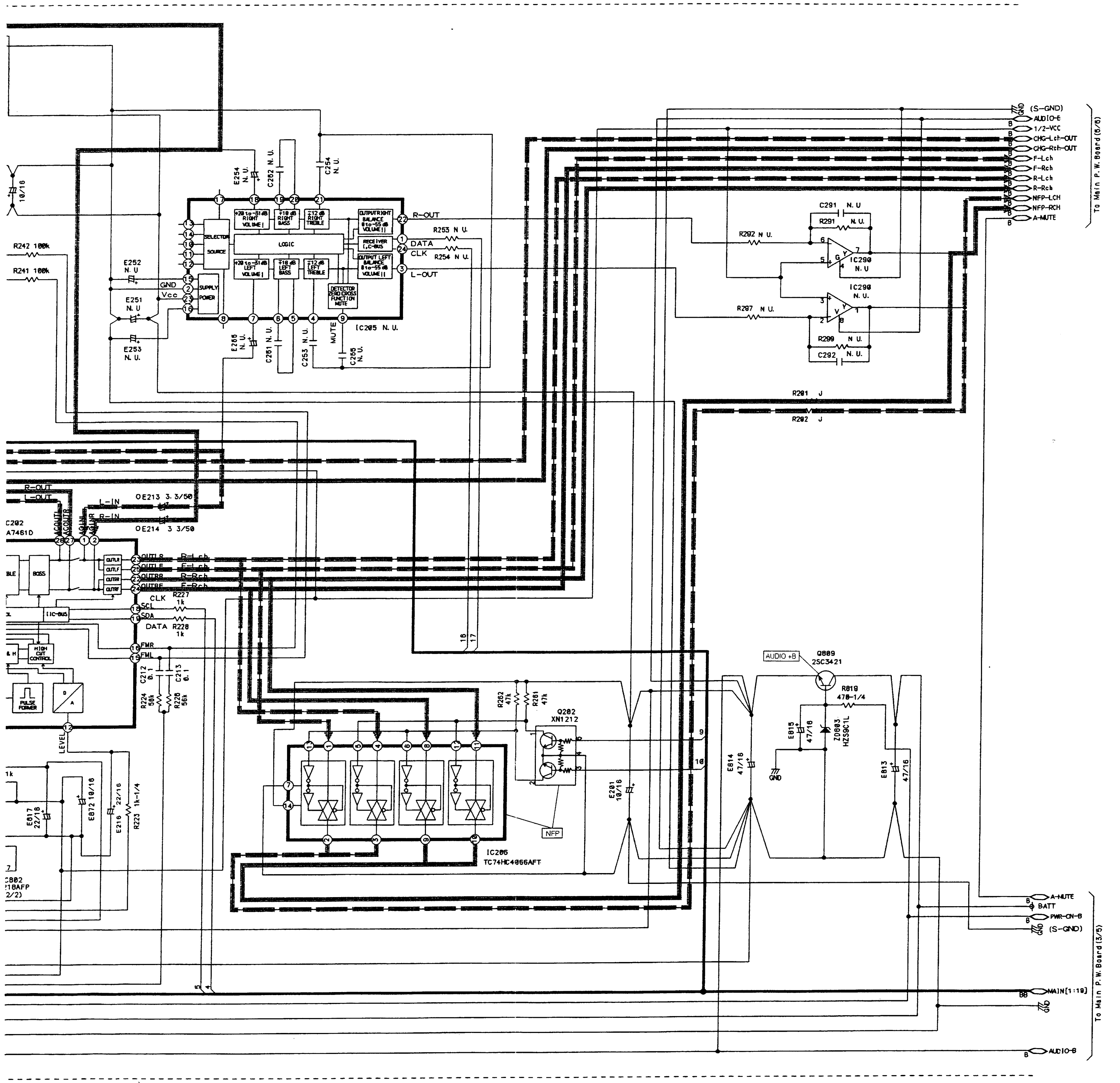
NOTE :

1. All resistance values are in ohms. K = 1,000
2. All capacitance values are in microfarads. $P = \frac{1}{1{,}000{,}000}$

Schematic Diagram (2/7)


1
2
3
4
5
A
B
C
D
E
F
G
H
Main P.W. Board (2/5)
IC203
NJM2150AV
BBE
INPUT(B)
HPF(B)
CR2(B)
BPF(B)
CR1(B)
LPF(B)
OUTPUT(B)
VREF
V+
GND
INPUT(A)
HPF(A)
CR1(A)
BPF(A)
CR2(A)
LPF(A)
OUTPUT(A)
PROCESS
LO CONTOUR
BBE
E209 3.3/50
R232 20k
C232 3300p
R234 20k
C234 0.033
E231 10/16
E232 22/16
E210 3.3/50
R231 20k
C231 3300p
R233 20k
C233 0.033
R235 10k
R236 10k
R237 10k
E234 10/16
E235 10/16
S/M BUFFER
IC804
NJM2904M
OUT A
-IN A
+IN A
GND
VCC
OUT B
-IN B
+IN B
SPE-ANA BUFFER
R245 12k
C241 68p
E241 10/16
R243 47k
R246 J
R247 47k
D241 1SS355
E243 2.2/50
ZD241
HZS4BLL
R244 2.7k
C820 N.U.
E242 10/16
R242 100k
R241 100k
E252 N.U.
E251 N.U.
E253 N.U.
GND
Vcc
E254 N.U.
C282 N.U.
C254 N.U.
SELECTOR
SOURCE
SUPPLY
POWER
LOGIC
+20 to -51dB RIGHT VOLUME I
+10dB RIGHT BASS
±12dB RIGHT TREBLE
OUTPUT RIGHT BALANCE 0 to -55dB VOLUME II
+20 to -51dB LEFT VOLUME I
+10dB LEFT BASS
±12dB LEFT TREBLE
OUTPUT LEFT BALANCE 0 to -55dB VOLUME II
RECEIVER I²C-BUS
DETECTOR ZERO CROSS FUNCTION MUTE
R-OUT
DATA
CLK
L-OUT
R253 N.U.
R254 N.U.
E255 N.U.
C251 N.U.
C253 N.U.
MUTE
C255 N.U.
IC205 N.U.
C291 N.U.
R291 N.U.
R292 N.U.
IC290 N.U.
R297 N.U.
R299 N.U.
C292 N.U.
R201 J
R202 J
(S-GND)
AUDIO-B
1/2-VCC
CHG-Lch-OUT
CHG-Rch-OUT
F-Lch
F-Rch
R-Lch
R-Rch
NFP-LCH
NFP-RCH
A-MUTE
To Main P.W. Board (5/5)
CHG-Lch
1/2VCC
CHG-Rch
R-OUT
L-OUT
L-IN
R-IN
OE213 3.3/50
OE214 3.3/50
E-VOL
MUTE
IC202
TDA7461D
C205 0.1
AM-IN
MECH-Rch
MECH-Lch
PHONE
PHGND
C206 1000p
FM-IN
R219 39k
C207 0.1
MPX
INPUT MULTIPLEXER + AUTOZERO
MIXING STAGE
LOUDNESS
VOLUME
SOFT MUTE
TREBLE
BASS
OUTLR
OUTLF
OUTRR
OUTRF
R-Lch
F-Lch
R-Rch
F-Rch
PHONE
BEEP
DIGITAL CONTROL
I²C-BUS
CLK
R227 1k
SCL
SDA
DATA
R228 1k
FMR
FML
80kHz LP
PILOT CANCELLATION
DEMODULATOR +STEREO ADJUST +STEREO BLEND
25kHz LP
S & H
HIGH CUT CONTROL
SUPPLY
PLL
PIL DET
MULTIPATH-DETECTOR
NOISE BLANKER
PULSE FORMER
D/A
VS
GND
CREF
MPIN
MPOUT
LEVEL
R218 39k
C209 4700p
R222 470k
C210 100p
R281 N.U.
R215
C208 0.027
Vcc
GND
C211 N.U.
E207 10/16
E208 4.7/35
C212 0.1
C213 0.1
R224 56k
R226 56k
E215 1/50
IC802
M5218AFP (1/2)
R820 1.1k
R821 1.1k
R822 1.1k
R823 1.1k
IC802
M5218AFP (2/2)
1/2 Vcc
IF-MUTE
Q830
XN1212
AF-HOLD
C214 0.1
E817 22/16
E812 10/16
E216 22/16
R223 1k-1/4
MECH-Lch
(S-GND)
MECH-Rch
AUDIO-B
1/2-VCC
To Main P.W Board (4/5)
S/M
AF-HOLD
IF-MUTE
FM-IN
AM-IN
AF-LEVEL
MAIN[1:19]
PWR-CN-B
GND BATT
To Main P.W Board (1/5)
MAIN[1:19]
R282 47k
R281 47k
Q282
XN1212
IC206
TC74HC4066AFT
NFP
E201 10/16
AUDIO +B
Q809
2SC3421
R819 470-1/4
E815 47/16
ZD803
HZS6C1L
E814 47/16
E813 47/16
A-MUTE
BATT
PWR-CN-B
(S-GND)
MAIN[1:19]
AUDIO-B
To Main P.W. Board (3/5)

NOTE: N. U. is Not Used Parts.


(S-GND)
AUDIO-B
1/2-VCC
CHG-Lch-OUT
CHG-Rch-OUT
F-Lch
F-Rch
R-Lch
R-Rch
NFP-LCH
NFP-RCH
A-MUTE
To Main P. W. Board (5/5)
10/16
R242 100k
R241 100k
E252 N. U
E251 N. U
E253 N. U.
GND
Vcc
E254 N. U.
C262 N. U.
C254 N. U.
SELECTOR
SOURCE
SUPPLY POWER
+20 to -31 dB RIGHT VOLUME I
∓18 dB RIGHT BASS
∓12 dB RIGHT TREBLE
LOGIC
+20 to -31 dB LEFT VOLUME I
∓18 dB LEFT BASS
∓12 dB LEFT TREBLE
OUTPUT RIGHT BALANCE 0 to -55 dB VOLUME II
RECEIVER I2C-BUS
OUTPUT LEFT BALANCE 0 to -55 dB VOLUME II
DETECTOR ZERO CROSS FUNCTION MUTE
R-OUT
DATA
CLK
L-OUT
R253 N U.
R254 N U.
IC205 N. U.
E266 N. U.
C261 N. U.
C253 N. U.
MUTE
C265 N. U.
C291 N. U
R291 N. U.
R292 N U.
IC290 N. U
IC290 N. U.
R297 N U.
R299 N. U.
C292 N. U.
R201 J
R202 J
R-OUT
L-OUT
L-IN
R-IN
OE213 3.3/50
OE214 3 3/50
C202
A7461D
ACOUTL
ACOUTR
AGINL
AGINR
BOSS
OUTLR
OUTLF
OUTRR
OUTRF
R-Lch
F-Lch
R-Rch
F-Rch
CLK
R227 1k
SCL
SDA
DATA R228 1k
IIC-BUS
HIGH CUT CONTROL
FMR
FML
C212 0.1
C213 0.1
R224 56k
R226 56k
PULSE FORMER
D
A
LEVEL
1k
E817 22/16
E872 10/16
E216 22/16
R223 1k-1/4
C802
218AFP
(2/2)
16
17
R262 47k
R261 47k
Q202
XN1212
NFP
IC206
TC74HC4066AFT
E201 10/16
9
10
AUDIO +B
Q809
2SC3421
R819
470-1/4
E815 47/16
ZD803 HZS9C1L
GND
E814 47/16
E813 47/16
A-MUTE
BATT
PWR-ON-B
(S-GND)
MAIN[1:19]
GND
AUDIO-B
To Main P. W. Board (3/5)

NOTE : N. U. is Not Used Parts.

IC004

1~4	0V	POWER ON/ OFF
5~7	4.4V/ 0V	
8	8.8V/ 0V	

IC202

1	○	0V	POWER ON	12~14	0V	POWER ON
	●	NC		15~17	4.4V	
2	○	4.4V	POWER ON	18	0V	
	●	NC		19	5V	
3, 4		4.4V	POWER ON	20	0V	
5, 6		0V		21	8.8V	
7		4.4V		22~25	3.7V	
8, 9		NC		26~28	4.4V	
10, 11		4.4V	POWER ON			

○ IC203

1~7	4.4V/ 4.4V	BBE ON/ OFF
8	0V	
9, 10	4.6V/ 0V	
11	0V	
12	8.7V	
13	4.3V/ 4.4V	
14~20	4.4V/ 4.4V	

IC206

1~4	3.8V
5	0V
6	8.8V
7	0V
8~11	3.8V
12	0V
13, 14	8.8V

IC802

1~3	4.4V/ 0V	POWER ON/ OFF
4	0V	
5~7	4.4V/ 0V	
8	8.8V/ 0V	

Q830

1	5V/ 0V	POWER ON/ OFF
2	1V	MODE CHANGE
3	2.7V/ 0V	POWER ON/ OFF
4, 5	0V	

	E	C	B	MODE
Q809	8.7V/ 0V	12.6V/ 12.7V	9.4V/ 0V	POWER ON/ OFF

	1	2	3	4	5	MODE
Q202	8.8V	0V	5V	0V	0V	NFP ON

<Measuring Conditions>

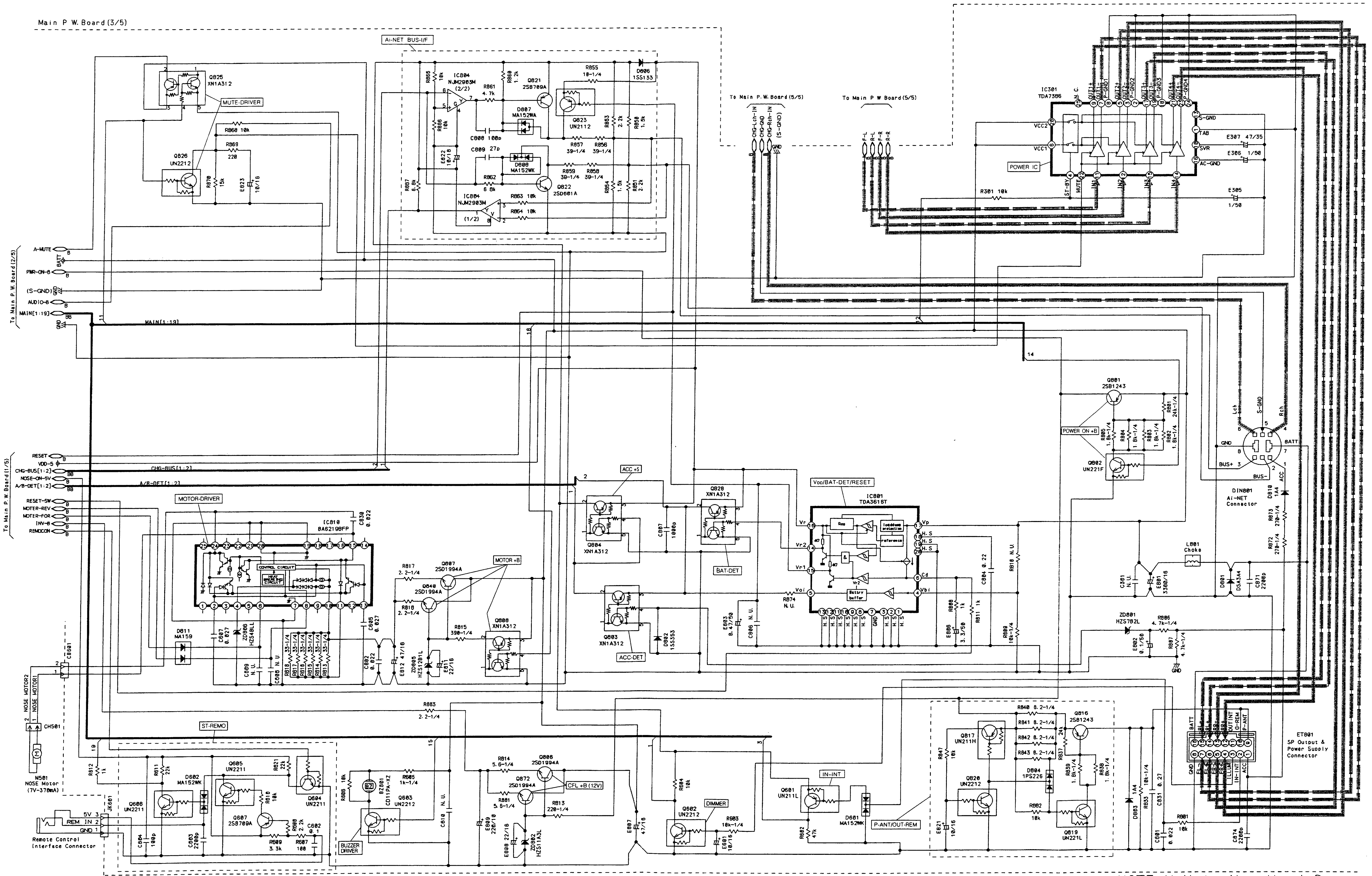
1. Power Supply Voltage : DC14.4V
2. Measuring Meter : Digital Multi Meter
3. Measuring Point Reference : Between Ground
4. Measuring Conditions : No Signal Input
   FM : 98.1MHz
   AM : 999kHz (MW)
   TAPE: Blank Tape Play

NOTE: ○ : For TDA-7572R Model Only,
● : For TDA-7570R Model Only,
Others : Common.

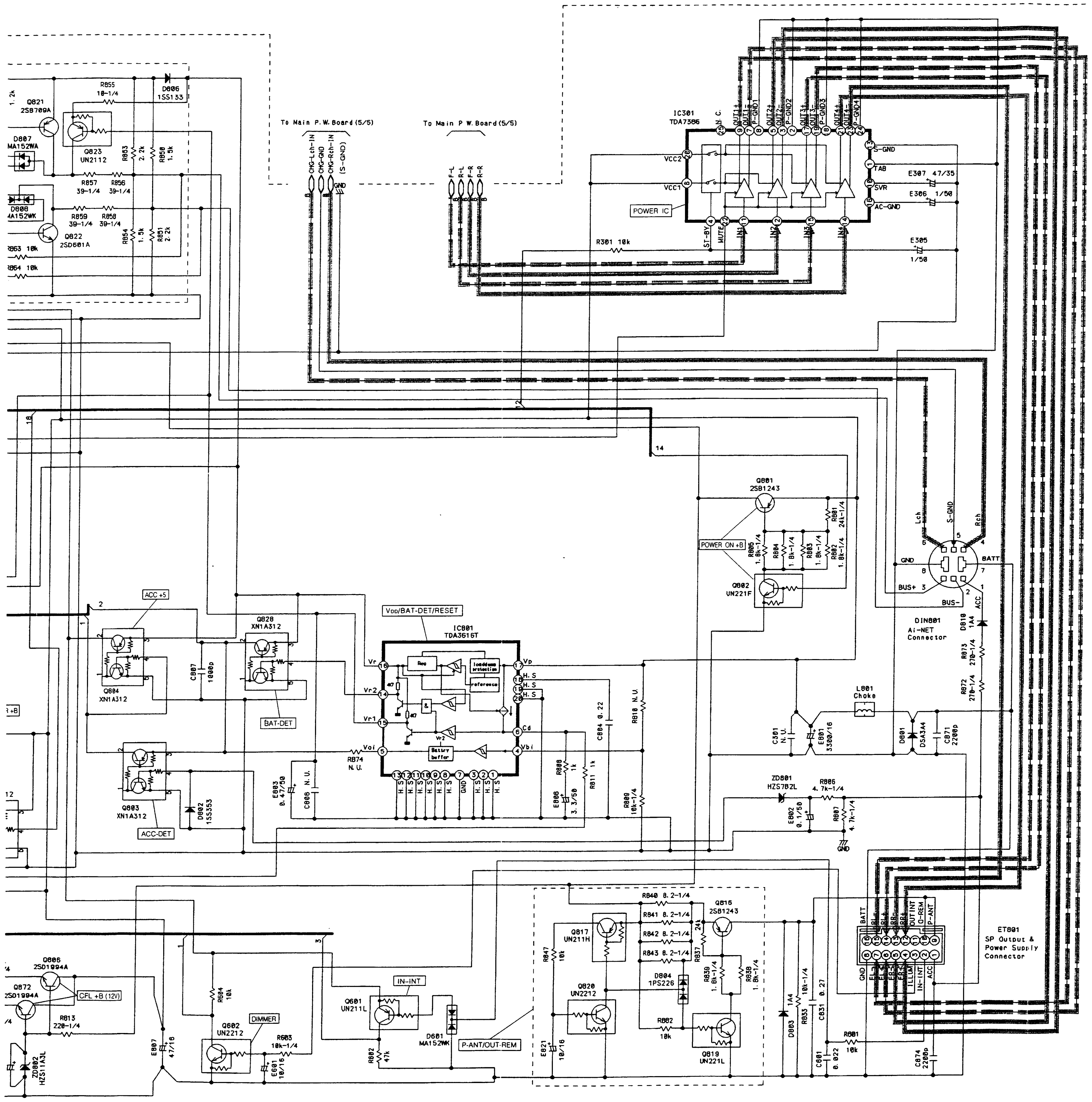
NOTE:

1. All resistance values are in ohms. K = 1,000
2. All capacitance values are in microfarads. $P = \frac{1}{1,000,000}$

Schematic Diagram (3/7)


Main P. W. Board (3/5)
Ai-NET BUS-I/F
MUTE-DRIVER
Q825 XN1A312
Q826 UN2212
R868 10k
R869 220
R870 15k
E823 10/16
IC804 NJM2903M (2/2)
IC804 NJM2903M (1/2)
R865 10k
R866 10k
R867 6.8k
R861 4.7k
R860 1.2k
R862 6.8k
R863 10k
R864 10k
C808 100p
C809 27p
E822 10/16
D807 MA152WA
D808 MA152WK
Q821 2SB709A
Q822 2SD601A
Q823 UN2112
R855 10-1/4
R857 39-1/4
R856 39-1/4
R859 39-1/4
R858 39-1/4
R853 2.2k
R850 1.5k
R854 1.5k
R851 2.2k
D806 1SS133
To Main P. W. Board (2/5)
A-MUTE
BATT
PWR-ON-B
(S-GND)
AUDIO-B
MAIN[1:19]
GND
To Main P. W. Board (5/5)
CHG-Lch-IN
CHG-GND
CHG-Rch-IN
(S-GND)
F-L
R-L
F-R
R-R
IC301 TDA7386
POWER IC
N.C.
OUT1+
OUT1-
P-GND1
OUT2+
OUT2-
P-GND2
OUT3+
OUT3-
P-GND3
OUT4+
OUT4-
P-GND4
VCC2
VCC1
S-GND
TAB
SVR
AC-GND
ST-BY
MUTE
IN1
IN2
IN3
IN4
R301 10k
E307 47/35
E306 1/50
E305 1/50
To Main P. W. Board (1/5)
RESET
VDD-5
CHG-BUS[1:2]
NOSE-ON-5V
A/B-DET[1:2]
RESET-SW
MOTER-REV
MOTER-FOR
INV-B
REMOCON
MOTOR-DRIVER
IC810 BA6219BFP
CONTROL CIRCUIT
HEAT BREAKING CIRCUIT
C830 0.022
D811 MA159
C807 0.027
ZD806 HZS4BLL
C809 N.U.
C808 N.U.
R818 33-1/4
R817 33-1/4
R816 33-1/4
R815 33-1/4
R814 33-1/4
R813 33-1/4
C805 0.027
C802 0.022
E812 47/16
MOTOR +B
R817 2.2-1/4
Q807 2SD1994A
Q840 2SD1994A
R818 2.2-1/4
R815 390-1/4
ZD805 HZS12B1L
E811 22/16
Q808 XN1A312
CN801
NOSE MOTOR2
NOSE MOTOR1
CH501
N501 NOSE Motor (7V-370mA)
ACC +5
Q804 XN1A312
C807 1000p
Q828 XN1A312
BAT-DET
Q803 XN1A312
ACC-DET
D802 1SS353
VDD/BAT-DET/RESET
IC801 TDA3616T
Reg
loaddump protection
reference
Battry buffer
Vr
Vr2
Vr1
Voi
Vp
Vbi
Cd
H.S
GND
R874 N.U.
E803 0.47/50
C806 N.U.
C804 0.22
R808 1k
R811 1k
E806 3.3/50
R810 N.U.
R809 10k-1/4
Q801 2SB1243
POWER ON +B
Q802 UN221F
R801 24k-1/4
R805 1.8k-1/4
R804 1.8k-1/4
R803 1.8k-1/4
R802 1.8k-1/4
Lch
S-GND
Rch
BATT
GND
BUS+
BUS-
ACC
DIN801 Ai-NET Connector
D810 1A4
R873 270-1/4
R872 270-1/4
L801 Choke
C301 N.U.
E801 3300/16
D801 DSA3A4
C871 2200p
ZD801 HZS7B2L
R806 4.7k-1/4
E802 0.1/50
R807 4.7k-1/4
R883 2.2-1/4
ST-REMO
R612 1k
R611 22k
D602 MA152WK
Q605 UN2211
R621 22k
Q604 UN2211
Q606 UN2211
R610 10k
Q607 2SB709A
R608 2.2k
C602 0.1
R609 3.3k
R607 100
C604 100p
C603 2200p
JK601
5V
REM IN
GND
Remote Control Interface Connector
R606 10k
BZ601 CD11PA-XZ
R605 1k-1/4
Q603 UN2212
BUZZER DRIVER
C610 N.U.
R814 5.6-1/4
Q806 2SD1994A
Q872 2SD1994A
R881 5.6-1/4
R813 220-1/4
CFL +B (12V)
E809 220/10
E808 22/16
ZD802 HZS11A3L
E807 47/16
R604 10k
Q602 UN2212
DIMMER
R603 10k-1/4
E601 10/16
Q601 UN211L
IN-INT
R602 47k
D601 MA152WK
P-ANT/OUT-REM
R840 8.2-1/4
R841 8.2-1/4
R842 8.2-1/4
R843 8.2-1/4
Q816 2SB1243
Q817 UN211H
R847 10k
Q820 UN2212
R837 24k
D804 1PS226
R839 1.8k-1/4
R838 1.8k-1/4
R882 10k
Q819 UN221L
E821 10/16
D803 1A4
R833 10k-1/4
C831 0.27
C801 0.022
R881 10k
C874 2200p
BATT
RL-
RL+
RR-
RR+
OUT INT
O-REM
P-ANT
GND
FL-
FL+
FR-
FR+
ILLUMI
IN-INT
ACC
ET801 SP Output & Power Supply Connector

NOTE: N. U. is Not Used Parts.


Q821
2SB709A
R855
10-1/4
D806
1SS133
D807
MA152WA
Q823
UN2112
R853
2.2k
R850
1.5k
R857
39-1/4
R856
39-1/4
D808
MA152WK
R859
39-1/4
R858
39-1/4
Q822
2SD601A
R854
1.5k
R851
2.2k
R863 10k
R864 10k
To Main P.W.Board (5/5)
CHG-Lch-IN
CHG-GND
CHG-Rch-IN
(S-GND)
GND
To Main P.W.Board (5/5)
F-L
R-L
F-R
R-R
IC301
TDA7386
N.C.
OUT1+
OUT1-
P-GND1
OUT2+
OUT2-
P-GND2
OUT3+
OUT3-
P-GND3
OUT4+
OUT4-
P-GND4
VCC2
VCC1
POWER IC
S-GND
TAB
SVR
AC-GND
E307 47/35
E306 1/50
E305
1/50
R301 10k
ST-BY
MUTE
IN1
IN2
IN3
IN4
18
14
2
1
12
3
Q801
2SB1243
R801
24k-1/4
POWER ON +B
R805
1.8k-1/4
R804
1.8k-1/4
R803
1.8k-1/4
R802
1.8k-1/4
Q802
UN221F
Lch
S-GND
Rch
GND
BATT
BUS+
BUS-
ACC
DIN801
Ai-NET
Connector
D810
1A4
R873
270-1/4
R872
270-1/4
ACC +5
Q804
XN1A312
C807
1000p
Q828
XN1A312
BAT-DET
VDD/BAT-DET/RESET
IC801
TDA3616T
Vr
Vr2
Vr1
Voi
Vp
H.S
Cd
Vbi
GND
Reg
loaddump protection
reference
Battery buffer
R874
N.U.
E803
0.47/50
C806 N.U.
E806
3.3/50
R808
1k
R811 1k
C804 0.22
R810 N.U.
R809
10k-1/4
Q803
XN1A312
D802
1SS353
ACC-DET
C301
N.U.
E801
3300/16
L801
Choke
D801
DSA3A4
C871
2200p
ZD801
HZS7B2L
R806
4.7k-1/4
E802
0.1/50
R807
4.7k-1/4
GND
Q806
2SD1994A
Q872
2SD1994A
CFL +B (12V)
R813
220-1/4
ZD802
HZS11A3L
E807
47/16
R604
10k
Q602
UN2212
DIMMER
R603
10k-1/4
E601
10/16
Q601
UN211L
IN-INT
R602
47k
D601
MA152WK
P-ANT/OUT-REM
R840 8.2-1/4
R841 8.2-1/4
R842 8.2-1/4
R843 8.2-1/4
Q816
2SB1243
R837
24k
Q817
UN211H
R847
10k
Q820
UN2212
D804
1PS226
R839
1.8k-1/4
R838
1.8k-1/4
R882
10k
Q819
UN221L
E821
10/16
D803
1A4
R833
10k-1/4
C831 0.27
C601
0.022
R601
10k
C874
2200p
BATT
RL-
RL+
RR-
RR+
OUT INT
O-REM
P-ANT
GND
FL-
FL+
FR-
FR+
ILLUM
IN-INT
ACC
ET801
SP Output &
Power Supply
Connector

NOTE N. U. is Not Used Parts.

IC301

1. 2	0V	14~17	5.8V
3	5.8V	18	0V
4	5V	19	5.8V
5	5.8V	20	11.5V
6	11.5V	21	5.8V
7	5.8V	22	5.2V
8	0V	23	5.8V
9	5.8V	24	0V
10~12	5.7V	25	NC
13	0V		

IC801

1~5	0V	POWER ON/ OFF
6	5V/ 5V	
7~13	0V	
14	4.4V/ 4.4V	
15, 16	5V/ 5V	
17	12.6V/ 12.6V	
18	12.3V/ 12.7V	
19, 20	0V	

IC804

1~5	0V	POWER ON/ OFF
6	7.4V/ 0V	
7, 8	5V/ 0V	

IC810

1	NC		9, 10	0V	NORMAL/ EJECT
2, 3	0V	NORMAL/ EJECT	11	12V/ 12V	
4	0V/ 4V		12~14	0V	
5	0V		15	0V/ 5V	
6	0V/ 4V		16~23	0V	
7	0V		24	0V/ 5V	
8	0V/ 4V		25	0V	

	E	C	B	MODE		E	C	B	MODE
Q601	4.9V	0V/ 4.9V	4.9V/ 3V	INT → GND	Q816	11.9V/ 0V	12.5V/ 0V	12.6V/ 0V	POWER ON/ OFF
Q602	0V	4.9V/ 0V	0V	DIMMER ON/ OFF	Q817	12.6V/ 0V	12.6V/ 0V	0V	POWER ON/ OFF
Q603	0V	14.34V	0V	BUZZER ON	Q819	0V	0V	2.87V	POWER ON
Q604	0V	0V	PS	POWER ON	Q820	0V	0V	8.9V/ 0V	POWER ON/ OFF
Q605	0V	0V	0V	POWER ON	Q821	5V/ 5V	PS	5V/ 5V	POWER ON/ OFF
Q606	0V	4.7V/ 0V	0V	NOSE ON/ OFF	Q822	0V	PS	0V	POWER ON
Q607	5V/ 0V	0V	5V/ 0V	POWER ON/ OFF	Q823	5V/ 5V	PS	5V/ 5V	POWER ON/ OFF
Q801	11.9V/ 12.7V	12.6V/ 0V	12.6V/ 12.6V	POWER ON/ OFF	Q826	0V	0V/ 5.2V	4.6V/ 0V	MUTE ON/ OFF
Q802	0V/ 13.1V	0V/ 13.1V	5V/ 0V	POWER ON/ OFF	Q840	12.6V	12.6V	12.1V	POWER ON
Q806	10.4V/ 0V	12.6V/ 12.8V	9.7V/ 0V	POWER ON/ OFF	Q872	10.3V/ 0V	12.6V/ 12.8V	9.7V/ 0V	POWER ON/ OFF
Q807	12.6V	12.6V	12.1V	POWER ON					

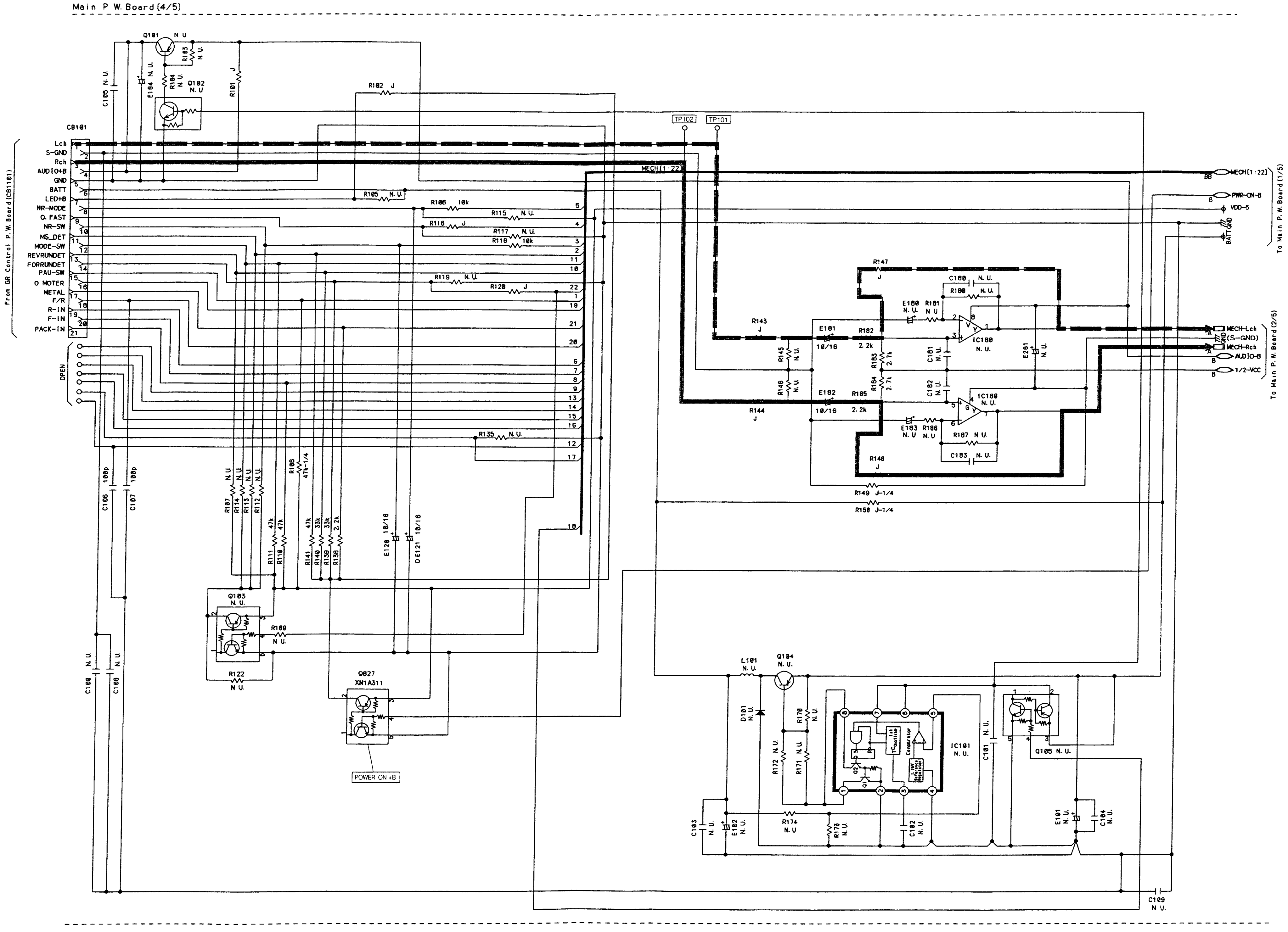
	1	2	3	4	5	MODE
Q803	NC	5V/ 0V	5V/ 5V	4V/ 0V	0V	ACC ON/ OFF
Q804	NC	5V/ 0V	5V/ 5V	5V/ 0V	0V	ACC ON/ OFF
Q808	NC	12.6V/ 12.7V	12.6V/ 12.7V	5V/ 5V	0V	POWER ON/ OFF
Q825	NC	12.4V/ 0V	12.6V/ 12.6V	4.6V/ 0V	0V	MUTE ON/ OFF
Q828	NC	5V/ 5V	5V/ 5V	4.4V/ 4.4V	0V	POWER ON/ OFF

<Measuring Conditions>

1. Power Supply Voltage	:	DC14.4V
2. Measuring Meter	:	Digital Multi Meter
3. Measuring Point Reference	:	Between Ground
4. Measuring Conditions	:	No Signal Input
		FM : 98.1MHz
		AM : 999kHz (MW)
		TAPE: Blank Tape Play

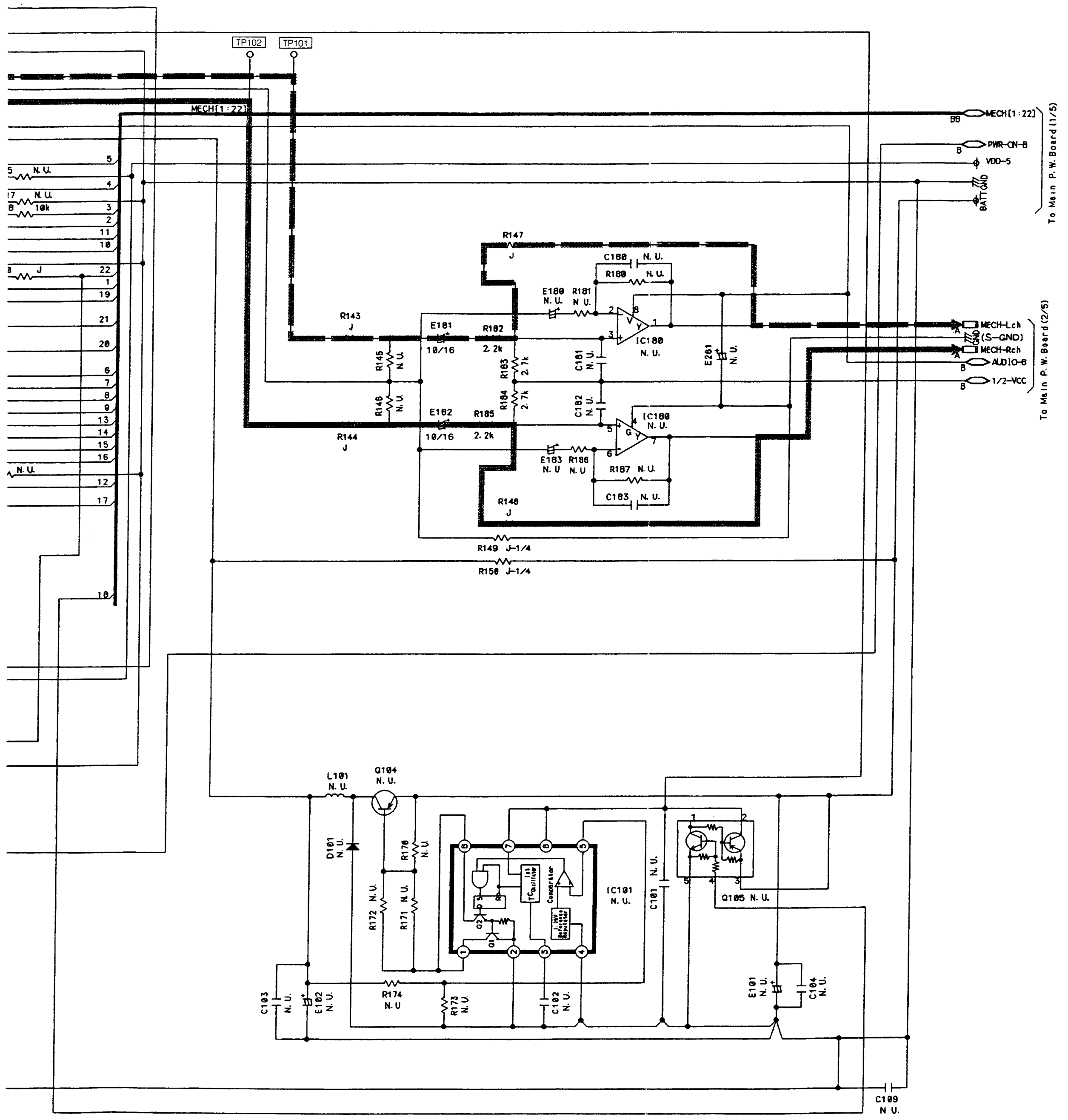
NOTE:
1. All resistance values are in ohms. K = 1,000
2. All capacitance values are in microfarads. $P = \frac{1}{1,000,000}$

Schematic Diagram (4/7)


Main P. W. Board (4/5)
CB101
Lch
S-GND
Rch
AUDIO+B
GND
BATT
LED+B
NR-MODE
O. FAST
NR-SW
MS_DET
MODE-SW
REVRUNDET
FORRUNDET
PAU-SW
O MOTER
METAL
F/R
R-IN
F-IN
PACK-IN
From GR Control P. W. Board (CB1101)
OPEN
Q101 N.U
R103 N.U.
C105 N.U.
E104 N.U.
R104 N.U.
Q102 N.U
R101 J
R102 J
R105 N.U.
R106 10k
R115 N.U.
R116 J
R117 N.U.
R118 10k
R119 N.U.
R120 J
R135 N.U.
TP102
TP101
MECH[1:22]
R147 J
C100 N.U.
R100 N.U.
E100 N.U.
R181 N.U
R143 J
E101 10/16
R182 2.2k
R145 N.U.
R183 2.7k
C181 N.U.
IC100 N.U.
E201 N.U.
R146 N.U.
E102 10/16
R185 2.2k
R184 2.7k
C182 N.U.
R144 J
E103 N.U
R186 N.U
R187 N.U
C183 N.U.
R148 J
R149 J-1/4
R150 J-1/4
BB
MECH[1:22]
B
PWR-ON-B
VDD-5
GND
BATT
To Main P. W. Board (1/5)
A
MECH-Lch
GND
(S-GND)
MECH-Rch
AUDIO-B
1/2-VCC
To Main P. W. Board (2/5)
C106 100p
C107 100p
R107 N.U.
R114 N.U.
R113 N.U.
R112 N.U.
R108 47k-1/4
R111 47k
R110 47k
R141 47k
R140 33k
R139 33k
R138 2.2k
E120 10/16
E121 10/16
Q103 N.U.
R109 N.U.
R122 N.U.
C108 N.U.
C109 N.U.
Q627 XN1A311
POWER ON +B
L101 N.U.
Q104 N.U.
D101 N.U.
R170 N.U.
R172 N.U.
R171 N.U.
IC101 N.U.
C101 N.U.
Q105 N.U.
C103 N.U.
E102 N.U.
R174 N.U
R173 N.U
C102 N.U.
E101 N.U.
C104 N.U.
C109 N.U.

NOTE: N. U. is Not Used Parts.

MC-Service


TP102
TP101
MECH[1:22]
N.U.
10k
J
MECH[1:22]
BB
PWR-ON-B
VDD-5
BATT GND
To Main P.W. Board (1/5)
R147 J
C180 N.U.
R180 N.U.
E180 N.U.
R181 N.U.
R143 J
E181 10/16
R182 2.2k
R145 N.U.
R146 N.U.
R183 2.7k
R184 2.7k
C181 N.U.
C182 N.U.
IC180 N.U.
E281 N.U.
E182 10/16
R185 2.2k
R144 J
E183 N.U
R186 N.U
R187 N.U.
C183 N.U.
R148 J
R149 J-1/4
R150 J-1/4
MECH-Lch
(S-GND)
MECH-Rch
AUDIO-B
1/2-VCC
To Main P.W. Board (2/5)
L101 N.U.
Q104 N.U.
D101 N.U.
R170 N.U.
R172 N.U.
R171 N.U.
IC101 N.U.
Oscillator
Comparator
Reference Regulator
Q1
Q2
C101 N.U.
Q105 N.U.
C103 N.U.
E102 N.U.
R174 N.U
R173 N.U
C102 N.U.
E101 N.U.
C104 N.U.
C109 N.U.

NOTE : N. U. is Not Used Parts.

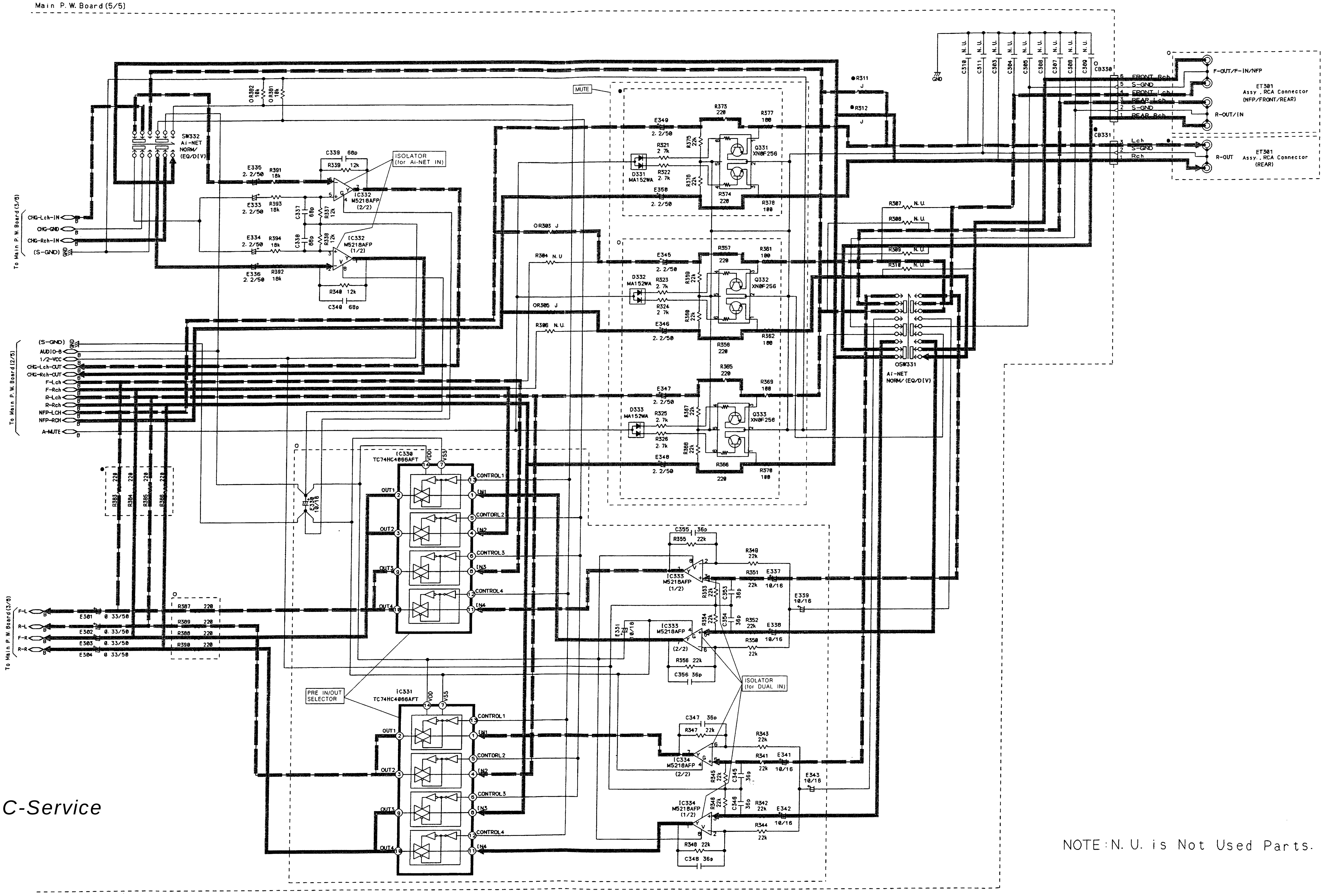
	1	2	3	4	5	MODE
Q827	0V/ 5V	4.8V/ 0V	5V/ 5V	13.6V/ 0V	0V	POWER ON/ OFF

<Measuring Conditions>

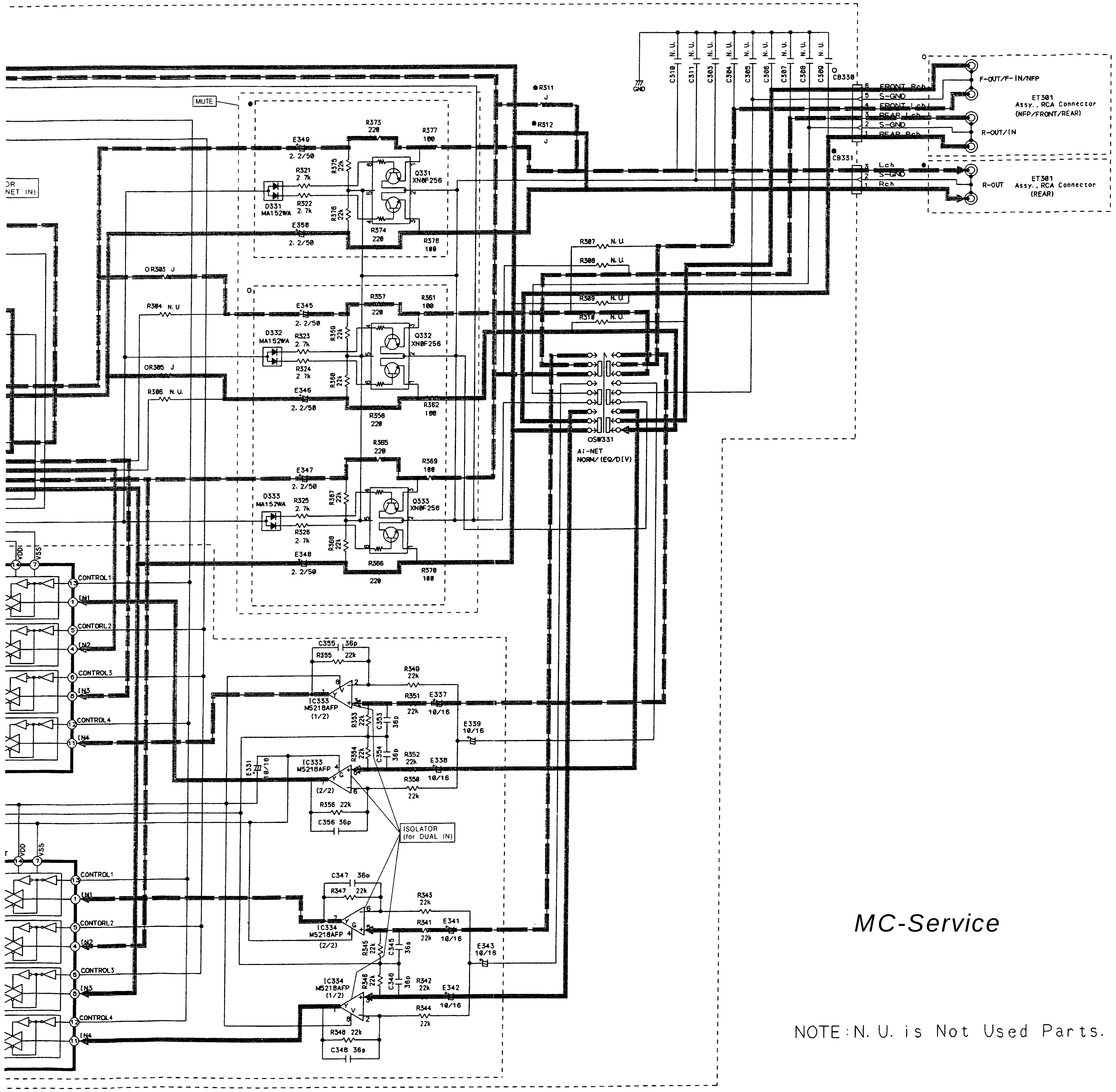
1. Power Supply Voltage : DC14.4V
2. Measuring Meter : Digital Multi Meter
3. Measuring Point Reference : Between Ground
4. Measuring Conditions : No Signal Input
   FM : 98.1MHz
   AM : 999kHz (MW)
   TAPE: Blank Tape Play

NOTE:
1. All resistance values are in ohms. K = 1,000
2. All capacitance values are in microfarads. $P = \frac{1}{1,000,000}$

Schematic Diagram (5/7)


Main P.W. Board (5/5)
MUTE
ISOLATOR (for Ai-NET IN)
SW332 Ai-NET NORM/(EQ/D(V)
IC332 M5218AFP (2/2)
IC332 M5218AFP (1/2)
E335 2.2/50
R391 18k
E333 2.2/50
R393 18k
E334 2.2/50
R394 18k
E336 2.2/50
R392 18k
C339 68p
R339 12k
R340 12k
C340 68p
C337 68p
R337 12k
C338 68p
R338 12k
OR382 18k
OR381 18k
CHG-Lch-IN
CHG-GND
CHG-Rch-IN
(S-GND)
To Main P.W. Board (3/8)
(S-GND)
AUDIO-B
1/2-VCC
CHG-Lch-OUT
CHG-Rch-OUT
F-Lch
F-Rch
R-Lch
R-Rch
NFP-LCH
NFP-RCH
A-MUTE
To Main P.W. Board (2/5)
R383 220
R384 220
R385 220
R386 220
E331 10/16
IC330 TC74HC4066AFT
VDD
VSS
OUT1
OUT2
OUT3
OUT4
CONTROL1
CONTROL2
CONTROL3
CONTROL4
IN1
IN2
IN3
IN4
F-L
R-L
F-R
R-R
E301 0.33/50
E302 0.33/50
E303 0.33/50
E304 0.33/50
R387 220
R389 220
R388 220
R390 220
To Main P.W. Board (3/8)
PRE IN/OUT SELECTOR
IC331 TC74HC4066AFT
OR383 J
R384 N.U
OR385 J
R386 N.U
E349 2.2/50
R373 220
R377 100
R321 2.7k
R322 2.7k
R375 22k
R376 22k
D331 MA152WA
Q331 XN0F256
E350 2.2/50
R374 220
R378 100
E345 2.2/50
R357 220
R361 100
D332 MA152WA
R323 2.7k
R324 2.7k
R359 22k
R360 22k
Q332 XN0F256
E346 2.2/50
R358 220
R362 100
E347 2.2/50
R365 220
R369 100
D333 MA152WA
R325 2.7k
R326 2.7k
R367 22k
R368 22k
Q333 XN0F256
E348 2.2/50
R366 220
R370 100
R311 J
R312 J
R307 N.U.
R308 N.U.
R309 N.U.
R310 N.U.
OSW331 Ai-NET NORM/(EQ/D(V)
C355 36p
R355 22k
R349 22k
R351 22k
E337 10/16
IC333 M5218AFP (1/2)
R353 22k
C353 36p
E339 10/16
E331 10/16
IC333 M5218AFP (2/2)
R354 22k
C354 36p
R352 22k
E338 10/16
R350 22k
R356 22k
C356 36p
ISOLATOR (for DUAL IN)
C347 36p
R347 22k
R343 22k
R341 22k
E341 10/16
IC334 M5218AFP (2/2)
R345 22k
C345 36p
E343 10/16
IC334 M5218AFP (1/2)
R346 22k
C346 36p
R342 22k
E342 10/16
R344 22k
R348 22k
C348 36p
C310 C311 C303 C304 C305 C306 C307 C308 C309
N.U.
GND
CB330
FRONT Rch
S-GND
FRONT Lch
REAR Lch
S-GND
REAR Rch
CB331
Lch
S-GND
Rch
F-OUT/F-IN/NFP
R-OUT/IN
ET301 Assy, RCA Connector (NFP/FRONT/REAR)
R-OUT
ET301 Assy, RCA Connector (REAR)
1
2
3
4
5
A
B
C
D
E
F
G
H

NOTE: N. U. is Not Used Parts.


N. U.
C310
C311
C303
C304
C305
C306
C307
C308
C309
GND
CB330
6 FRONT Rch
5 S-GND
4 FRONT Lch
3 REAR Lch
2 S-GND
1 REAR Rch
F-OUT/F-IN/NFP
ET301
Assy., RCA Connector
(NFP/FRONT/REAR)
R-OUT/IN
CB331
3 Lch
2 S-GND
1 Rch
R-OUT
ET301
Assy., RCA Connector
(REAR)
MUTE
R311 J
R312 J
R373 220
R377 100
E349 2.2/50
R321 2.7k
R322 2.7k
R375 22k
R376 22k
D331 MA152WA
Q331 XN0F256
E350 2.2/50
R374 220
R378 100
R307 N.U.
R308 N.U.
R309 N.U.
R310 N.U.
OR303 J
R304 N.U.
OR305 J
R306 N.U.
R357 220
R361 100
E345 2.2/50
D332 MA152WA
R323 2.7k
R324 2.7k
R359 22k
R360 22k
Q332 XN0F256
E346 2.2/50
R358 220
R362 100
OSW331
AI-NET
NORM/(EQ/DIV)
R365 220
R369 100
E347 2.2/50
D333 MA152WA
R325 2.7k
R326 2.7k
R367 22k
R368 22k
Q333 XN0F256
E348 2.2/50
R366 220
R370 100
VDD
VSS
CONTROL1
IN1
CONTORL2
IN2
CONTROL3
IN3
CONTROL4
IN4
C355 36p
R355 22k
R340 22k
R351 22k
E337 10/16
IC333 M5218AFP (1/2)
R353 22k
C353 36p
E339 10/16
R354 22k
C354 36p
R352 22k
E338 10/16
E331 10/16
IC333 M5218AFP (2/2)
R350 22k
R356 22k
C356 36p
ISOLATOR
(for DUAL IN)
C347 36p
R347 22k
R343 22k
R341 22k
E341 10/16
IC334 M5218AFP (2/2)
R345 22k
C345 36p
E343 10/16
IC334 M5218AFP (1/2)
R346 22k
C346 36p
R342 22k
E342 10/16
R344 22k
R348 22k
C348 36p

NOTE: N. U. is Not Used Parts.

○, IC330, 331

1	4.4V/ 0V	POWER ON/ OFF
2~4	3.7V/ 0V	
5, 6	8.8V/ 0V	
7, 8	0V	
9, 10	3.7V/ 0V	
11	4.4V/ 0V	
12, 13	0V	
14	8.8V/ 0V	

IC332

1~3	4.4V/ 0V	POWER ON/ OFF
4	0V	
5~7	4.4V/ 0V	
8	8.7V/ 0V	

○, IC333, 334

1~3	4.4V/ 0V	POWER ON/ OFF
4	0V	
5~7	4.4V/ 0V	
8	8.8V/ 0V	

	1	2	3	4	5	6	MODE
● Q331	PS	0V	PS	10V/ 0V	0V	10V/ 0V	MUTE ON/ OFF
○ Q332	PS	0V	PS	10V/ 0V	0V	10V/ 0V	MUTE ON/ OFF
○ Q333	PS	0V	PS	10V/ 0V	0V	10V/ 0V	MUTE ON/ OFF

<Measuring Conditions>

1. Power Supply Voltage : DC14.4V
2. Measuring Meter : Digital Multi Meter
3. Measuring Point Reference : Between Ground
4. Measuring Conditions : No Signal Input
FM : 98.1MHz
AM : 999kHz (MW)
TAPE: Blank Tape Play

NOTE: ○ : For TDA-7572R Model Only,
● : For TDA-7570R Model Only,
Others : Common.

NOTE:
1. All resistance values are in ohms. K = 1,000
2. All capacitance values are in microfarads. $P = \frac{1}{1,000,000}$

Schematic Diagram (6/7)

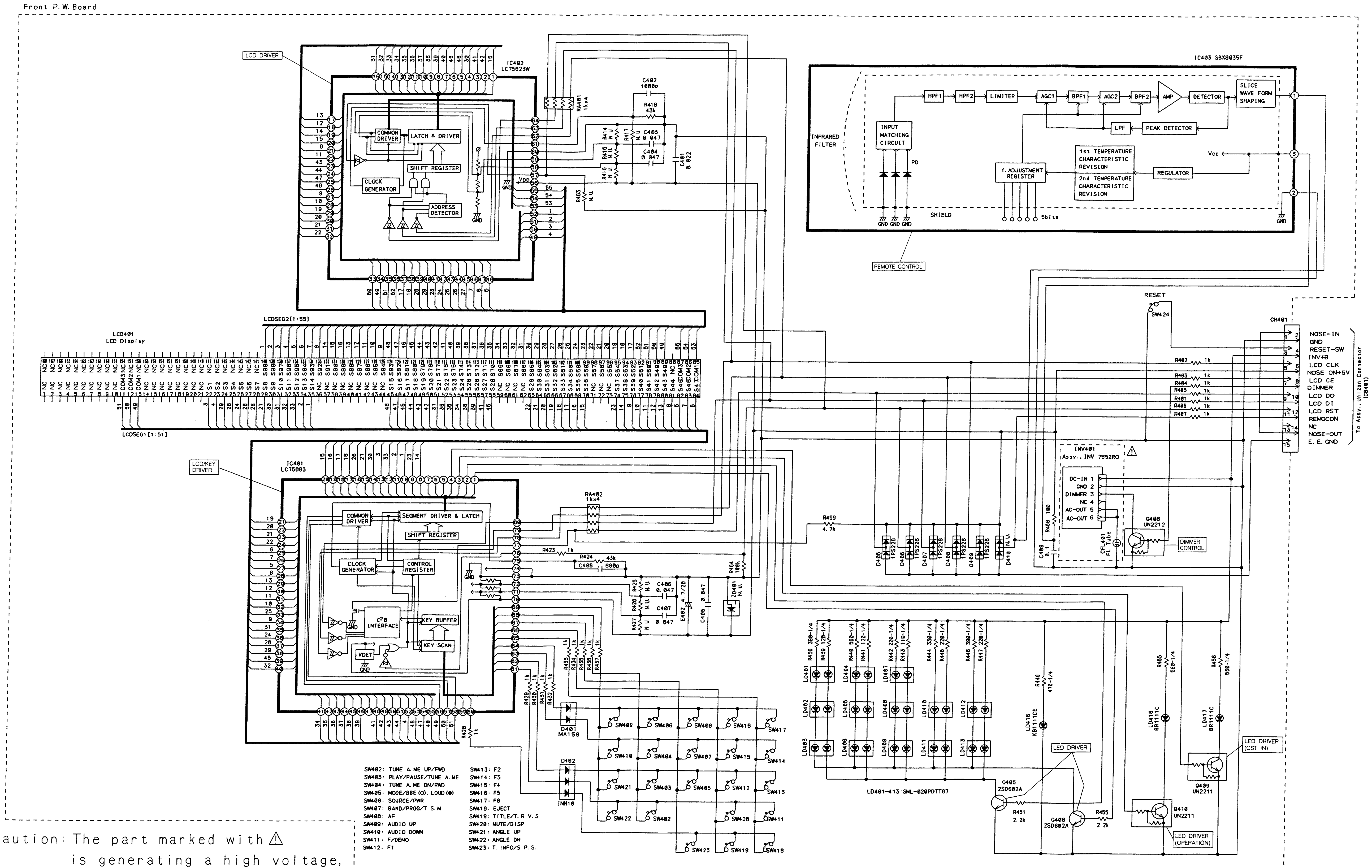
1

2

3

4

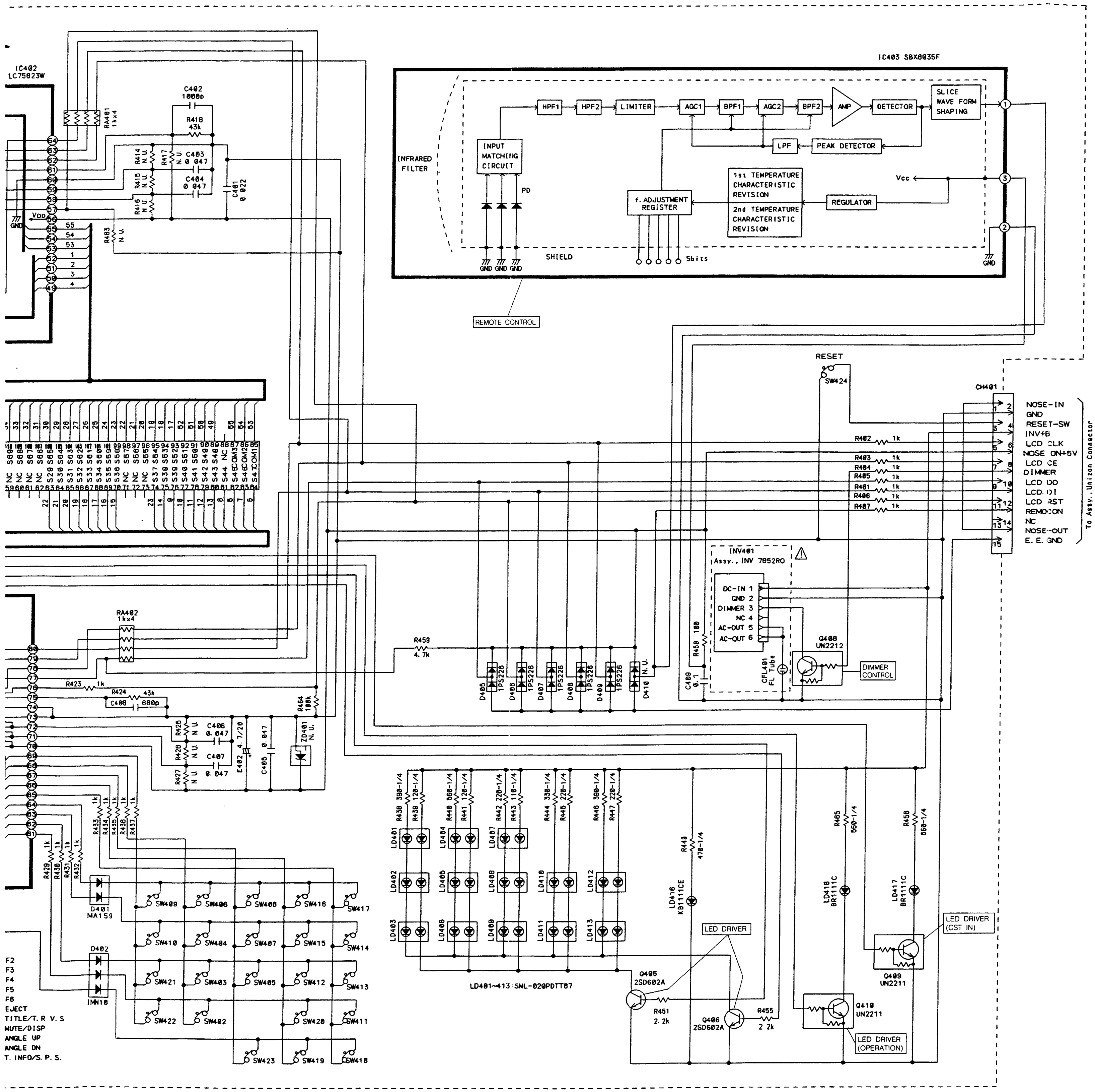
5


Front P. W. Board
LCD DRIVER
IC402
LC75823W
COMMON DRIVER
LATCH & DRIVER
SHIFT REGISTER
CLOCK GENERATOR
ADDRESS DETECTOR
RA401
1k×4
C402
1000p
R418
43k
R414
R415
R416
R417
C403
0.047
C404
0.047
C401
0.022
R403
N.U.
IC403 SBX8035F
INFRARED FILTER
HPF1
HPF2
LIMITER
AGC1
BPF1
AGC2
BPF2
AMP
DETECTOR
SLICE WAVE FORM SHAPING
INPUT MATCHING CIRCUIT
PD
LPF
PEAK DETECTOR
f. ADJUSTMENT REGISTER
1st TEMPERATURE CHARACTERISTIC REVISION
2nd TEMPERATURE CHARACTERISTIC REVISION
REGULATOR
Vcc
SHIELD
5bits
GND
REMOTE CONTROL
LCD401
LCD Display
LCDSEG2[1:55]
LCDSEG1[1:51]
RESET
SW424
CH401
NOSE-IN
GND
RESET-SW
INV+B
LCD CLK
NOSE ON+5V
LCD CE
DIMMER
LCD DO
LCD DI
LCD RST
REMOCON
NC
NOSE-OUT
E. E. GND
To Assy. Unison Connector (CB401)
R402 1k
R483 1k
R484 1k
R485 1k
R481 1k
R486 1k
R487 1k
LCD/KEY DRIVER
IC401
LC75003
SEGMENT DRIVER & LATCH
SHIFT REGISTER
CLOCK GENERATOR
CONTROL REGISTER
C²B INTERFACE
KEY BUFFER
KEY SCAN
VDET
RA402
1k×4
R423 1k
R424 43k
C408 680p
C406 0.047
C407 0.047
R425
R426
R427
E402 4.7/20
C405 0.047
ZD401 N.U.
R404 100k
R459
4.7k
D405
D406
D407
D408
D409
D410
1FS226
INV401
Assy., INV 7052RO
DC-IN 1
GND 2
DIMMER 3
NC 4
AC-OUT 5
AC-OUT 6
C409 0.1
R458 100
CFL401 FL Tube
Q408
UN2212
DIMMER CONTROL
R433
R434
R435
R436
R437
R429
R430
R431
R432
R428
1k
D401
MA159
D402
IMN10
SW402
SW403
SW404
SW405
SW406
SW407
SW408
SW409
SW410
SW411
SW412
SW413
SW414
SW415
SW416
SW417
SW418
SW419
SW420
SW421
SW422
SW423
R438 390-1/4
R439 120-1/4
R440 560-1/4
R441 120-1/4
R442 220-1/4
R443 110-1/4
R444 330-1/4
R445 220-1/4
R446 390-1/4
R447 220-1/4
LD401
LD402
LD403
LD404
LD405
LD406
LD407
LD408
LD409
LD410
LD411
LD412
LD413
LD401~413:SML-020PDTT87
R449
470-1/4
LD416
KB111CE
LED DRIVER
Q405
2SD602A
R451
2.2k
Q406
2SD602A
R455
2.2k
R465
560-1/4
LD418
BR1111C
R458
560-1/4
LD417
BR1111C
LED DRIVER (CST IN)
Q409
UN2211
Q410
UN2211
LED DRIVER (OPERATION)

SW402: TUNE A.ME UP/FWD
SW403: PLAY/PAUSE/TUNE A.ME
SW404: TUNE A.ME DN/RWD
SW405: MODE/BBE (O). LOUD (●)
SW406: SOURCE/PWR
SW407: BAND/PROG/T S.M
SW408: AF
SW409: AUDIO UP
SW410: AUDIO DOWN
SW411: F/DEMO
SW412: F1
SW413: F2
SW414: F3
SW415: F4
SW416: F5
SW417: F6
SW418: EJECT
SW419: TITLE/T.R V.S
SW420: MUTE/DISP
SW421: ANGLE UP
SW422: ANGLE DN
SW423: T.INFO/S.P.S.

Caution: The part marked with ⚠
is generating a high voltage,
so care will be necessary when working.

NOTE: N.U. is Not Used Parts.


IC402
LC75823W
IC403 SBX8035F
INFRARED FILTER
INPUT MATCHING CIRCUIT
PD
HPF1
HPF2
LIMITER
AGC1
BPF1
AGC2
BPF2
AMP
DETECTOR
SLICE WAVE FORM SHAPING
LPF
PEAK DETECTOR
1st TEMPERATURE CHARACTERISTIC REVISION
2nd TEMPERATURE CHARACTERISTIC REVISION
f. ADJUSTMENT REGISTER
REGULATOR
Vcc
SHIELD
5bits
GND
REMOTE CONTROL
RESET
SW424
CH401
NOSE-IN
GND
RESET-SW
INV+B
LCD CLK
NOSE ON+5V
LCD CE
DIMMER
LCD DO
LCD DI
LCD RST
REMOCON
NC
NOSE-OUT
E. E. GND
To Assy., Unizon Connector (CB401)
R402 1k
R403 1k
R404 1k
R405 1k
R401 1k
R406 1k
R407 1k
INV401
Assy., INV 7852RO
DC-IN 1
GND 2
DIMMER 3
NC 4
AC-OUT 5
AC-OUT 6
CFL401 FL Tube
Q408 UN2212
DIMMER CONTROL
R458 100
C409 0.1
R459 4.7k
D405 D406 D407 D408 D409 D410
1PS226
N.U.
RA401 1kx4
RA402 1kx4
C402 1000p
R418 43k
R414 N.U.
R415 N.U.
R416 N.U.
R417 N.U.
C403 0.047
C404 0.047
C401 0.022
R403 N.U.
VDD
GND
R423 1k
R424 43k
C408 680p
R425 N.U.
R426 N.U.
R427 N.U.
C406 0.047
C407 0.047
C402 4.7/20
C405 0.047
R464 100k
ZD401 N.U.
R428 R429 R430 R431 R432 R433 R434 R435 R436 R437
1k
D401 MA159
D402 1MN10
F2
F3
F4
F5
F6
EJECT
TITLE/T. R V. S
MUTE/DISP
ANGLE UP
ANGLE DN
T. INFO/S. P. S.
SW409 SW406 SW408 SW416 SW417
SW410 SW404 SW407 SW415 SW414
SW421 SW403 SW405 SW412 SW413
SW422 SW402 SW420 SW411
SW423 SW419 SW418
R438 390-1/4
R439 120-1/4
R440 560-1/4
R441 120-1/4
R442 220-1/4
R443 110-1/4
R444 330-1/4
R445 220-1/4
R446 390-1/4
R447 220-1/4
LD401 LD402 LD403 LD404 LD405 LD406 LD407 LD408 LD409 LD410 LD411 LD412 LD413
LD401~413: SML-020PDTT87
R449 470-1/4
LD416 KB1111CE
LED DRIVER
Q405 2SD602A
R451 2.2k
Q406 2SD602A
R455 2.2k
R465 560-1/4
LD418 BR1111C
R456 560-1/4
LD417 BR1111C
LED DRIVER (CST IN)
Q409 UN2211
Q410 UN2211
LED DRIVER (OPERATION)

NOTE: N. U. is Not Used Parts.

IC401

1	4.6V	POWER ON	60~64	5V	POWER ON
2	4.7V		65~69	0V	
3, 4	4.9V		70	5V	
5~7	NC		71	3.3V	
8~46	PS	POWER ON	72~74	0V	
47	NC		75~77	5V	
48~58	PS	POWER ON	78~80	0V	
59	NC				

IC402

1~55	PS	POWER ON
56	5V	
57	0V	
58	3.3V	
59~64	0V	

IC403

1	PS	POWER ON
2	0V	
3	5V	

	E	C	B	MODE
Q405	8.4V/ 0V	7.5V/ 0V	7.5V/ 0V	POWER ON/ OFF
Q406	8.5V/ 0V	8V/ 0V	7.7V/ 0V	POWER ON/ OFF
Q408	6.5V/ 6.5V	0V/ 4.5V	5V/ 2.3V	POWER ON/ OFF
Q409	7V/ 0V	5.5V/ 0V	5.8V/ 0V	POWER ON/ OFF
Q410	7V/ 0V	5.5V/ 0V	5V/ 0V	POWER ON/ OFF

<Measuring Conditions>

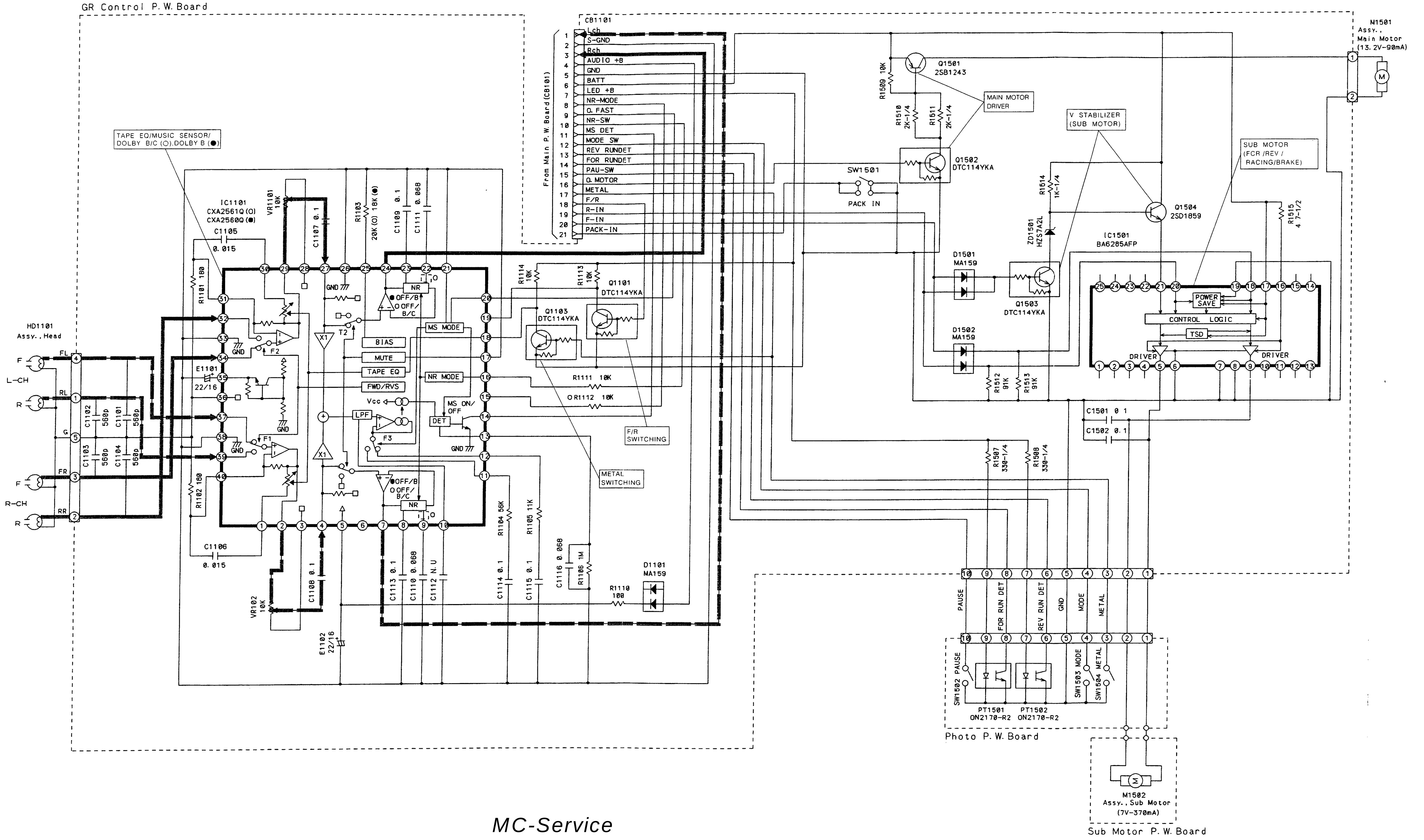
1. Power Supply Voltage : DC14.4V
2. Measuring Meter : Digital Multi Meter
3. Measuring Point Reference : Between Ground
4. Measuring Conditions : No Signal Input
   FM : 98.1MHz
   AM : 999kHz (MW)
   TAPE: Blank Tape Play

NOTE: ○ : For TDA-7572R Model Only,
● : For TDA-7570R Model Only,
Others : Common.

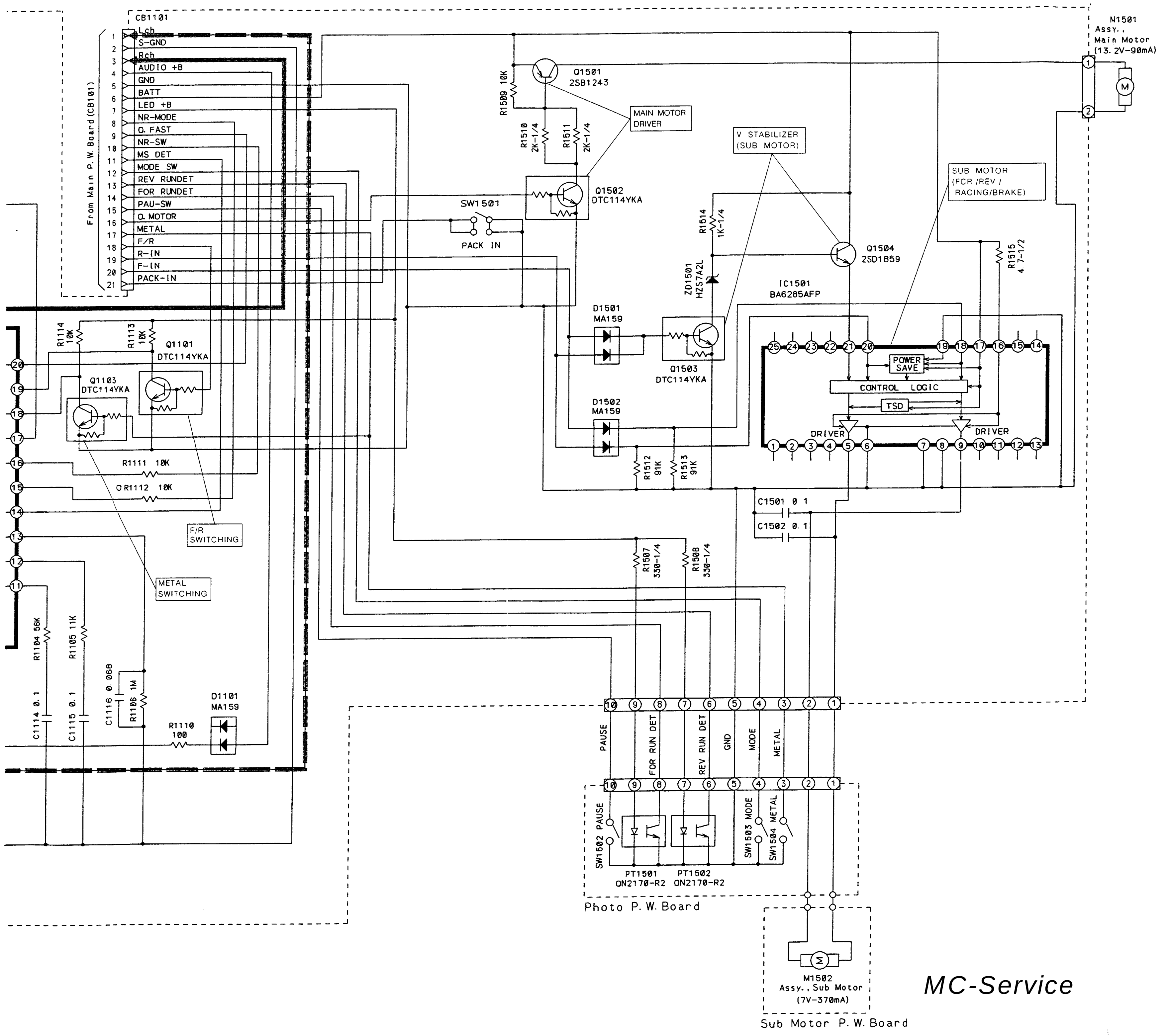
MC-Service

NOTE:
1. All resistance values are in ohms. K = 1,000
2. All capacitance values are in microfarads. P = $\frac{1}{1,000,000}$

Schematic Diagram (7/7)


GR Control P. W. Board
TAPE EQ/MUSIC SENSOR/ DOLBY B/C (○),DOLBY B (●)
IC1101
CXA2561Q(○)
CXA2560Q(●)
C1105
0.015
VR1101
10K
C1107 0.1
R1103
20K(○) 18K(●)
C1109 0.1
C1111 0.068
R1101 180
R1102 180
HD1101
Assy., Head
L-CH
R-CH
FL
RL
G
FR
RR
C1102 560p
C1101 560p
C1103 560p
C1104 560p
E1101
22/16
F1
F2
F3
GND
T2
X1
BIAS
MUTE
TAPE EQ
FWD/RVS
NR
●OFF/B
○OFF/
B/C
MS MODE
NR MODE
MS ON/
OFF
DET
LPF
Vcc
C1106
0.015
VR102
10K
C1108 0.1
E1102
22/16
C1113 0.1
C1110 0.068
C1112 N.U
C1114 0.1
C1115 0.1
R1104 56K
R1105 11K
C1116 0.068
R1106 1M
R1110
100
D1101
MA159
R1114
10K
R1113
10K
Q1101
DTC114YKA
Q1103
DTC114YKA
R1111 10K
○R1112 10K
F/R
SWITCHING
METAL
SWITCHING
From Main P. W. Board(CB101)
CB1101
Lch
S-GND
Rch
AUDIO +B
GND
BATT
LED +B
NR-MODE
Q. FAST
NR-SW
MS DET
MODE SW
REV RUNDET
FOR RUNDET
PAU-SW
Q. MOTOR
METAL
F/R
R-IN
F-IN
PACK-IN
R1509 10K
Q1501
2SB1243
MAIN MOTOR
DRIVER
R1510
2K-1/4
R1511
2K-1/4
Q1502
DTC114YKA
SW1501
PACK IN
V STABILIZER
(SUB MOTOR)
R1514
1K-1/4
ZD1501
HZS7A2L
Q1504
2SD1059
D1501
MA159
D1502
MA159
Q1503
DTC114YKA
IC1501
BA6285AFP
SUB MOTOR
(FCR /REV /
RACING/BRAKE)
R1515
4.7-1/2
POWER
SAVE
CONTROL LOGIC
TSD
DRIVER
DRIVER
R1512
91K
R1513
91K
C1501 0.1
C1502 0.1
R1507
330-1/4
R1508
330-1/4
M1501
Assy.,
Main Motor
(13.2V-90mA)
M
PAUSE
FOR RUN DET
REV RUN DET
GND
MODE
METAL
SW1502 PAUSE
SW1503 MODE
SW1504 METAL
PT1501
ON2170-R2
PT1502
ON2170-R2
Photo P. W. Board
M1502
Assy., Sub Motor
(7V-370mA)
Sub Motor P. W. Board

NOTE: N. U. is Not Used Parts.


CB1101
From Main P. W. Board (CB101)
1 Lch
2 S-GND
3 Rch
4 AUDIO +B
5 GND
6 BATT
7 LED +B
8 NR-MODE
9 O. FAST
10 NR-SW
11 MS DET
12 MODE SW
13 REV RUNDET
14 FOR RUNDET
15 PAU-SW
16 O. MOTOR
17 METAL
18 F/R
19 R-IN
20 F-IN
21 PACK-IN
Q1501 2SB1243
R1509 10K
R1510 2K-1/4
R1511 2K-1/4
MAIN MOTOR DRIVER
Q1502 DTC114YKA
SW1501 PACK IN
V STABILIZER (SUB MOTOR)
R1514 1K-1/4
ZD1501 HZS7A2L
Q1504 2SD1859
SUB MOTOR (FCR /REV / RACING/BRAKE)
R1515 4.7-1/2
M1501 Assy., Main Motor (13.2V-90mA)
M
IC1501 BA6285AFP
POWER SAVE
CONTROL LOGIC
TSD
DRIVER
DRIVER
D1501 MA159
Q1503 DTC114YKA
D1502 MA159
R1512 91K
R1513 91K
C1501 0.1
C1502 0.1
R1507 330-1/4
R1508 330-1/4
R1114 10K
R1113 10K
Q1101 DTC114YKA
Q1103 DTC114YKA
R1111 10K
R1112 10K
F/R SWITCHING
METAL SWITCHING
R1104 56K
R1105 11K
C1116 0.068
R1106 1M
D1101 MA159
R1110 100
C1114 0.1
C1115 0.1
PAUSE
FOR RUN DET
REV RUN DET
GND
MODE
METAL
SW1502 PAUSE
PT1501 ON2170-R2
PT1502 ON2170-R2
SW1503 MODE
SW1504 METAL
Photo P. W. Board
M1502 Assy., Sub Motor (7V-370mA)
Sub Motor P. W. Board

NOTE : N. U. is Not Used Parts.

IC1101

1	5.5V	22, 23	0.6V
2	5.4V	24	5.4V
3	5.5V	25	1.2V
4	4.5V	26	0V
5	11V	27, 28	5.5V
6	NC	29	5.8V
7	5.4V	30	5.6V
8, 9	0.6V	31, 32	5.5V
10	NC	33	0V
11, 12	5.4V	34	5.4V
13	0.3V	35~37	5.5V
14	4.4V	38	0V
15~21	0V	39, 40	5.5V

IC1501

1~4	NC	18	0.1V
5	0.7V	19	0.2V
6	0V	20	0.1V
7~9	0.7V	21	12.6V
10~15	NC	22~25	NC
16, 17	13.2V		

	E	C	B
Q1101	0V	0V	5.2V
Q1103	0V	0V	4.1V
Q1501	13.2V	13.2V	12.5V
Q1502	0V	0V	5.2V
Q1503	6.6V	0V	0.3V
Q1504	12.7V	13.2V	13.2V

<Measuring Conditions>

1. Power Supply Voltage : DC13.2V
2. Measuring Meter : Digital Multi Voltmeter
3. Measuring Point Reference : Between GND
4. Measuring Conditions : TAPE: For play, Normal position, Dolby OFF

NOTE: ○ : For TDA-7572R Model Only,
● : For TDA-7570R Model Only,
Others : Common.

NOTE:
1. All resistance values are in ohms. K = 1,000
2. All capacitance values are in microfarads. $P = \frac{1}{1,000,000}$

Description of IC Terminal

D78F4218GC : IC501

No.	Symbol	I/O	Terminal Description
1	MS DET	I	Input terminal of MUSIC detection signal.
2	NR-SW	O	Output terminal of DOLBY ON/ OFF control signal.
3	O. FAST	O	GAIN Control signal output terminal of M. SIC to CUE/ REV.
4	NR-MODE	O	Output terminal of DOLBY B/ C switching signal.
5	R-IN	O	Output terminal of Sub motor rorate control signal.
6	F-IN		
7	PACK-IN	I	Input terminal of PACK IN detection signal.
8	NC	—	No connect terminal.
9	V_{DD}	—	Power supply terminal.
10	X2	—	Crystal connect terminal of System Clock (12.288MHz).
11	X1		
12	V_{SS}	—	GND terminal.
13	NC	—	No connect terminal.
14	V_{SS}	—	V_{SS} terminal.
15	RESET	I	Input terminal of System reset.
16	BAT-DET	I	Input terminal of BATT detection signal.
17	ACC-DET	I	Input terminal of ACC detection signal.
18	O. MOTOR	O	Output terminal of motor rotate control signal.
19	BUS-IN	I	Input terminal of Ai-NET BUS-DATA signal.
20	BUS-OUT	O	Output terminal of Ai-NET BUS-DATA signal.
21	REV-RUN-DET	I	Input terminal of REV REEL rotate detection signal.
22	MODE-SW	I	Input terminal of MODE detection signal.
23	AV_{DD}	—	Analog power terminal of A/ D Converter.
24	$AV_{REF}0$	—	Standard voltage input terminal of A/ D Converter.
25	GND	—	GND terminal.
26	NOSE-ON	I	Input terminal of NOSE signal.
27	GND	—	GND terminal.
28	AUDIO LEVEL	I	Input terminal of AUDIO LEVEL
29	GND	—	GND terminal.
30			
31			
32	AREA	I	Input terminal of AREA discriminate signal.
33	AV_{SS}	—	GND terminal of A/ D Converter.
34	NC	—	No connect terminal.
35	DTS CE	O	Output terminal of Chip enable signal to DTS μ-COM.
36	$AV_{REF}1$	—	Standard voltage input terminal of D/ A Converter.
37	DTS STS	I	Input terminal of system status signal from DTS μ-COM.
38	DTS CMD	O	Output terminal of serial data signal to DTS μ-COM.
39	DTS CLK	O	Output terminal of serial clock signal to DTS μ-COM.
40	METAL	I	Input terminal of METAL tape detection signal.
41	GND	—	GND terminal.
42	F/ R	O	Output terminal of tape FORWARD/ REVERSE indicator signal.
43	DTS MUTE	I	Input terminal of MUTE signal from DTS μ-COM.
44	LCD-RST	O	Output terminal of RESET signal to LCD DRIVER.
45	LCD-DO	I	Input terminal of serial data signal from LCD DRIVER (LC75883).
46	LCD-DI	O	Output terminal of chip enable signal to LCD DRIVER.
47	LCD-CLK	O	Output terminal of serial clock signal to LCD DRIVER,
48	LCD-CE	O	Output terminal of serial data signal to LCD DRIVER,
49	NC	—	No connect terminal.
50			
51	IN DIMMER	I	Input terminal of DIMMER control signal.
52	NC	—	No connect terminal.
53			
54	IN-INT	I	Input terminal of IN-INTERRUPT.
55	LIMIT SW2	I	Input terminal of loading NOSE limit signal.
56	LIMIT SW1		
57	DOOR SW	I	Input terminal of detection SW signal to CASSETTE door open/ close.
58	MOTOR REV	O	Output terminal of motor control signal to loading NOSE open/ close.
59	MOTOR FOR		
60	DOOR LED	O	Output terminal of LED control signal to DOOR.
61	NC	—	No connect terminal.
62			
63			
64	EV-DATA	O	Output terminal of serial data signal to Electric Volume.
65	EV-CLK	O	Output terminal of serial clock signal to Electric Volume.
66	○ BBE-1	O	Control output terminal of BBE (BBE).
	● NC	—	No connect terminal.
67	○ BBE-2	O	Control output terminal of BBE (PROCESS).
	● NC	—	No connect terminal.
68	○ BBE-3	O	Control output terminal of BBE (LO CONT).
	● NC	—	No connect terminal.
69	NFP-1	O	Output terminal of control signal to NFP.
70	NFP-2		
71	MUTE	O	AUDIO MUTE signal output terminal.
72	V_{SS}	—	GND terminal.
73	MOTOR-CONT	O	Output terminal of unison motor power control signal.
74 ≀ 80	NC	—	No connect terminal.

NOTE : ○ : For TDA-7572R Model Only, ● : For TDA-7570R Model Only, Others : Common.

No.	Symbol	I/O	Terminal Description
40	METAL	I	Input terminal of METAL tape detection signal.
41	GND	—	GND terminal.
42	F/ R	O	Output terminal of tape FORWARD/ REVERSE indicator signal.
43	DTS MUTE	I	Input terminal of MUTE signal from DTS μ-COM.
44	LCD-RST	O	Output terminal of RESET signal to LCD DRIVER.
45	LCD-DO	I	Input terminal of serial data signal from LCD DRIVER (LC75883).
46	LCD-DI	O	Output terminal of chip enable signal to LCD DRIVER.
47	LCD-CLK	O	Output terminal of serial clock signal to LCD DRIVER,
48	LCD-CE	O	Output terminal of serial data signal to LCD DRIVER,
49	NC	—	No connect terminal.
50			
51	IN DIMMER	I	Input terminal of DIMMER control signal.
52	NC	—	No connect terminal.
53			
54	IN-INT	I	Input terminal of IN-INTERRUPT.
55	LIMIT SW2	I	Input terminal of loading NOSE limit signal.
56	LIMIT SW1		
57	DOOR SW	I	Input terminal of detection SW signal to CASSETTE door open/ close.
58	MOTOR REV	O	Output terminal of motor control signal to loading NOSE open/ close.
59	MOTOR FOR		
60	DOOR LED	O	Output terminal of LED control signal to DOOR.
61	NC	—	No connect terminal.
62			
63			
64	EV-DATA	O	Output terminal of serial data signal to Electric Volume.
65	EV-CLK	O	Output terminal of serial clock signal to Electric Volume.
66	○ BBE-1	O	Control output terminal of BBE (BBE).
	● NC	—	No connect terminal.
67	○ BBE-2	O	Control output terminal of BBE (PROCESS).
	● NC	—	No connect terminal.
68	○ BBE-3	O	Control output terminal of BBE (LO CONT).
	● NC	—	No connect terminal.
69	NFP-1	O	Output terminal of control signal to NFP.
70	NFP-2		
71	MUTE	O	AUDIO MUTE signal output terminal.
72	V_{SS}	—	GND terminal.
73	MOTOR-CONT	O	Output terminal of unison motor power control signal.
74	NC	—	No connect terminal.
≀			
80			

NOTE : ○ : For TDA-7572R Model Only, ● : For TDA-7570R Model Only, Others : Common.

No.	Symbol	I/O	Terminal Description
81	V_{DD}	—	Power supply terminal.
82	PWR IC-ON	O	Output terminal of stand-by control signal to Power IC.
83	NOSE-PWR	O	Output terminal of power control signal to LCD DRIVER.
84	CFL ON	O	Output terminal of power control signal to LCD back light.
85	PWR-CONT	O	Output terminal of power control signal to AUDIO and Key lighting.
86	NC (PULL UP)	—	Pull up terminal.
87	DIMMER-CONT	O	Output terminal of control signal (PWM) to DIMMER.
88	BUZZER	O	Output terminal of gide tone buzzer signal.
89	FOR-RUN-DET	I	Input terminal of FOR REEL rotate detection signal.
90	NC	—	No connect terminal.
91	REMOCON	I	Remote Control data input terminal.
92	NC	—	No connect terminal.
93			
94	V_{PP}	—	GND terminal.
95	NC	—	No connect terminal.
≀			
99			
100	PAU-SW	I	Input terminal of PAUSE MODE detection signal.

MB89689PF : IC502

No.	Symbol	I/O	Terminal Description
1	V_{CC}	—	+5V Connection Terminal.
2	NC	—	No Connection Terminal.
3	X0A	—	GND Connection Terminal.
4	MOD0		
5	MOD1		
6	X0	O	Crystal Connection Terminal. (8MHz)
7	X1	I	
8	V_{SS}	—	GND Connection Terminal.
9	$\overline{\text{RESET}}$	I	Reset Signal Input Terminal. (RESET : L)
10	NC	—	No Connection Terminal.
≀			
22			
23	$\overline{\text{AM ST}}$	—	AM ST Signal Input Terminal. (Connection Pull-Down)
24	NC	—	No Connection Terminal.
≀			
33			
34	$\overline{\text{A-MUTE}}$	O	Tuner Mute Signal Output Terminal. (MUTE ON : L)

No.	Symbol	I/O	Terminal Description
35	GND	—	GND Connection Terminal.
≀			
38			
39	NC	—	No Connection Terminal.
≀			
44			
45	R_XD	I	RDS Monitor Input Terminal. (Pull-Up Connection)
46	T_XD	O	RDS Monitor Output Terminal.
47	NC	—	No Connection Terminal.
≀			
49			
50	V_{CC}	—	V_{CC} Connection Terminal.
51	NC	—	No Connection Terminal.
52			
53	TUNER CLK	I	Clock Signal Input Terminal from Main µ-COM.
54	TUNER SI	I	Serial Input Terminal from Main µ-COM.
55	TUNER SO	O	Serial Output Terminal to Main µ-COM.
56	RDS SDA	I/O	RDS I2C Data Input / Output Terminal.
57	RDS CLK	O	RDS I2C Clock Output Terminal.
58	GND	—	GND Connection Terminal.
59	V_{SS}	—	
60	GND	—	
≀			
62			
63	E^{2}P SDA	I/O	E^{2}P-ROM Data Input / Output Terminal.
64	E^{2}P CLK	O	E^{2}P-ROM Clock Output Terminal.
65	NC	—	No Connection Terminal.
66			
67	$\overline{\text{SEEK Req.}}$	O	Seek Speed Control Terminal. (Tuner // During SEEK : L)
68	GND	—	GND Connection Terminal.
69	$\overline{\text{AF HOLD}}$	O	AF Hold Output Terminal. (Tuner Set Up Hold : L)
70	NC	—	No Connection Terminal.
71	IF MUTE	O	IF Mute Control Terminal. (Pull-Up Connection)
72	FM / $\overline{\text{AM}}$	O	FM / AM Switching Terminal. (FM : H)
73	PLL CLK	O	PLL Clock Output Terminal.
74	PLL DATA	I/O	PLL Data Input / Output Terminal. (Pull-Up Connection)
75	PLL CE	O	PLL CE Output Terminal.
76	SEEK Req.	O	Seek Speed Control Terminal. (Tuner / During SEEK : H)
77	RDS RESET	O	Power ON Reset Terminal of RDS Decoder (SAA6588T).
78	SD	I	SD Input Terminal. (Tuner / Station ON : H)
79	$\overline{\text{PSWN}}$	I	Audio Signal Level Detection Terminal from RDS Decoder (SAA6588T). (No Station : L)

No.	Symbol	I/O	Terminal Description
80	Auto Adj.	I	Auto Adjustment Terminal. (Auto Adjustment Start : L)
81	NC	—	No Connection Terminal.
82	LO / $\overline{DX}$	O	Local Seek / DX Seek Switching Terminal. (Tuner / Local Seek : H)
83	NC	—	No Connection Terminal.
84	AV_{SS}	—	GND Connection Terminal.
85	S / M	I	Field Strength Input Terminal. (A / D, Tuner)
86	M / P	I	Multi Path Detection Input Terminal. (A / D, SAA6588T)
87	GND	—	GND Connection Terminal.
≀			
92			
93	AV_{CC}	—	V_{CC} Connection Terminal.
94	AVR		
95	NC	—	No Connection Terminal.
96			
97	TUNER STBY	I	Stand-by Input Terminal from Main μ-COM.
98	NC	—	No Connection Terminal.
99	DAVN	I	RDS Data Available Input Terminal. (SAA6588T)
100	NC	—	No Connection Terminal.

Electrical Parts List

Capacitor : μF=microfarads,pF=picofarads

Abbreviations

RES. = Resistor
C. F. = Carbon Film
M. F. = Metal Film
M. O. = Metal OxideFilm
M. P. = Metal Plate
TR. = Transistor
TRANS. = Transformer
CP. = Chip

CAP. = Capacitor
ELY. = Electrolytic
CER. = Ceramic
MYL. = Mylar
TAN. = Tantalum
POLY. = Polystyrol
PP. = Polypropylene
PLT. = Polyethylene
PF. = Polyester Film

	Symbol No.	Part No.	Description
	Main P. W. Board		
	IC's		
	IC001	51T15731W10	TC7S66F-TE85L -CP
	IC002	51T93332F01	IC, NJM2903M-TE3 -SE2
	IC004	51T93333F01	NJM2904M-TE3 -SE2
	IC005	51T15132Y02	SAA6588T -SE9
	IC202	51T15404Y01	TDA7461D -SEC
○	IC203	51T15468Y02	NJM2150AV-TE1 -SE2
	IC206	51T15456Y01	TC74HC4066AFT-EL-SE5
	IC301	51T15021Y01	TDA7386 -ZS
○	IC330	51T15456Y01	TC74HC4066AFT-EL-SE5
○	IC331	51T15456Y01	TC74HC4066AFT-EL-SE5
	IC332	51T90149F03	IC, M5218AFP-TE3-SE06
○	IC333	51T90149F03	IC, M5218AFP-TE3-SE06
○	IC334	51T90149F03	IC, M5218AFP-TE3-SE06
	IC501	51T35109Y13	MTP, D78F4218GC
	IC502	51T15161Y02	IC, MB89689PF-G110-QT
	IC503	51T25160Y01	M24C04-WMN6T -SE2
	IC801	51T25283Y01	TDA3616T -SE9
	IC802	51T90149F03	IC, M5218AFP-TE3-SE06
	IC804	51T93332F01	IC, NJM2903M-TE3 -SE2
	IC810	51T25448Y01	BA6219BFP-Y-E2 -SE9
	Transistors		
	Q002	48T62967F09	TR, DTC114TKA-T146-CP
	Q003	48T45594W12	TR , XN1A312 -TX-CP
	Q005	48T45594W08	TR , XN1212 -TX-CP
	Q010	48T45594W16	TR, XN1A311-TX -CP
	Q202	48T45594W08	TR , XN1212 -TX-CP
●	Q331	48T25317Y01	TR, XN0F256-TX -CP
○	Q332	48T25317Y01	TR, XN0F256-TX -CP
○	Q333	48T25317Y01	TR, XN0F256-TX -CP
	Q501	48T64221F11	TR, UN211L-TX -CP
	Q502	48T64222F02	TR , UN2212 22-22 -TX
	Q601	48T64221F11	TR, UN211L-TX -CP

	Symbol No.	Part No.	Description
	Q602	48T64222F02	TR , UN2212 22-22 -TX
	Q603	48T64222F02	TR , UN2212 22-22 -TX
	Q604	48T64222F01	TR , UN2211 10-10 -TX
	Q605	48T64222F01	TR , UN2211 10-10 -TX
	Q606	48T64222F01	TR , UN2211 10-10 -TX
	Q607	48T52437F05	TR , 2SB709A-S /TX-CP
	Q645	48T64222F01	TR , UN2211 10-10 -TX
	Q801	48T84366F03	TR, 2SB1243-Q-TV2 -RD
	Q802	48T64222F11	TR, UN221F-TX -CP
	Q803	48T45594W12	TR , XN1A312 -TX-CP
	Q804	48T45594W12	TR , XN1A312 -TX-CP
	Q806	48T93828F04	TR, 2SD1994A-S-TA -RD
	Q807	48T93828F04	TR, 2SD1994A-S-TA -RD
	Q808	48T45594W12	TR , XN1A312 -TX-CP
	Q809	48T69176F02	TR , 2SC3421-Y
	Q810	48T52438F04	TR , 2SD601A-S /TX-CP
	Q812	48T64221F13	TR, UN211H-TX -CP
	Q813	48T52437F05	TR , 2SB709A-S /TX-CP
	Q814	48T64222F01	TR , UN2211 10-10 -TX
	Q816	48T84366F03	TR, 2SB1243-Q-TV2 -RD
	Q817	48T64221F13	TR, UN211H-TX -CP
	Q819	48T64222F12	TR, UN221L-TX -CP
	Q820	48T64222F02	TR , UN2212 22-22 -TX
	Q821	48T52437F05	TR , 2SB709A-S /TX-CP
	Q822	48T52438F04	TR , 2SD601A-S /TX-CP
	Q823	48T64221F02	TR , UN2112 22-22 -TX
	Q825	48T45594W12	TR , XN1A312 -TX-CP
	Q826	48T64222F02	TR , UN2212 22-22 -TX
	Q827	48T45594W16	TR, XN1A311-TX -CP
	Q828	48T45594W12	TR , XN1A312 -TX-CP
	Q830	48T45594W08	TR , XN1212 -TX-CP
	Q840	48T93828F04	TR, 2SD1994A-S-TA -RD
	Q870	48T92368F04	TR, 2SD1760 R -E5
	Q871	48T52438F04	TR , 2SD601A-S /TX-CP
	Q872	48T93828F04	TR, 2SD1994A-S-TA -RD
	Diodes		
	D001	48T15437Y01	DIO, HSM123-TL -CP
	D241	48T75404W01	DIO, 1SS353-TE17 -CP
●	D331	48T25651W01	DIO, CP MA152WA
○	D332	48T25651W01	DIO, CP MA152WA
○	D333	48T25651W01	DIO, CP MA152WA
	D501	48T75404W01	DIO, 1SS353-TE17 -CP
	D601	48T25651W02	DIO, MA152WK-TX -CP
	D602	48T25651W02	DIO, MA152WK-TX -CP

NOTE : ○ : For TDA-7572R Model Only, ● : For TDA-7570R Model Only, Others : Common.

Symbol No.	Part No.	Description
D801	48T68580F03	DIO, SI DSA3A4-F5
D802	48T75404W01	DIO, 1SS353-TE17 -CP
D803	48T15658Y02	DIO, 1A4 -R5
D804	48T85357W01	DIO, 1PS226 -CP
D806	48T68828F11	DIO, 1SS133 -RH
D807	48T25651W01	DIO, CP MA152WA
D808	48T25651W02	DIO, MA152WK-TX -CP
D810	48T15658Y02	DIO, 1A4 -R5
D811	48T81063F01	DIO, CP. MA159 / TX-CP
ZD241	48T25801W08	DIO, ZEN. HZS 4BLL -R5
ZD801	48T25766W14	DIO, ZEN. HZS 7B2L -R5
ZD802	48T25766W29	DIO, ZEN. HZS11A3L -R5
ZD803	48T25766W24	DIO, ZEN. HZS 9C1L -R5
ZD804	48T25766W03	DIO, ZEN. HZS 6A3L -R5
ZD805	48T25766W39	DIO, ZEN. HZS12B1L -R5
ZD806	48T25801W08	DIO, ZEN. HZS 4BLL -R5
ZD871	48T25766W04	DIO, ZEN. HZS 6B1L -R5
Coils		
L001	24T65172W17	IND, LEM4532 4R7K -E2
L002	24T16403W29	COI, IND. 15R-M -CP
L010	24T16403W15	COI, IND. 1R0-M K -CP
L011	24T16403W15	COI, IND. 1R0-M K -CP
L012	24T16403W07	COI, IND. R22-M K -CP
L013	24T16403W15	COI, IND. 1R0-M K -CP
L801	25T25663Y01	CHOKE, LAT1608-105-DB
VT001	24T15267Y01	COIL, 7TL -DB
Crystals		
XL001	91T85169W18	XTL, HC-49 4. 332M -R5
XL501	91T95084W02	XTL, CS20 12. 288M -E9
XL502	91T85169W44	XTL, HC-49 7. 3728M-R5
LED's		
LD601	48T65477W05	LED, SML-010DTT87 -CP (ORG)
LD603	48T65477W05	LED, SML-010DTT87 -CP (ORG)
Surge Protector		
DSP001	48T70875F02	PTT, DSP-201M

	Symbol No.	Part No.	Description
Filter			
	CF001	91T75257W02	LPF, LPF11830KH-3C-DB
Switches			
○	SW331	40T15452Y01	SW, SLIDE SLD-62-724X (Ai-NET NORM/(EQ/DIV))
	SW332	40T45282W02	SW, SLIDE SLD-42-508X (Ai-NET NORM/(EQ/DIV))
Buzzer			
	BZ601	50T85541W01	BUZZER, CD11PA-XZ -H5
Capacitors			
	C002	08T15399W01	CAP, CER. 223K-B1H -CP
	C003	08S65128F67	CAP, CER. 682K-B1H -CP
	C004	08S82122F53	CAP, CER. 471J-CH1H-CP
	C007	08T15399W01	CAP, CER. 223K-B1H -CP
	C008	08S35374W01	CAP, CER 104K-B1E-CP
	C009	08S82122F37	CAP, CER. 101J-CH1H-CP
	C011	08T15399W01	CAP, CER. 223K-B1H -CP
	C012	08T15399W01	CAP, CER. 223K-B1H -CP
	C016	08S65128F61	CAP, CER. 222K-B1H -CP
	C018	08S45677W48	CAP, CER. 331J-CH1H-CP
	C019	08S45677W36	CAP, CER. 101J-CH1H-CP
	C020	08S65128F69	CAP, CER. 103K-B1H -CP
	C025	08S82122F24	CAP, CER. 30RJ-CH1H-CP
	C026	08S82122F23	CAP, CER. 27RJ-CH1H-CP
	C028	08S65128F61	CAP, CER. 222K-B1H -CP
	C030	08S45677W54	CAP, CER 561J-CH1H-CP
	C106	08S72783F23	CAP, CP . 101-J-CH
	C107	08S82122F37	CAP, CER. 101J-CH1H-CP
	C205	08S35374W01	CAP, CER 104K-B1E-CP
	C206	08S82122F61	CAP, CER. 102J-CH1H-CP
	C207	08S35374W01	CAP, CER 104K-B1E-CP
	C208	08T15399W04	CAP, CER. 273K-B1H -CP
	C209	08S65128F65	CAP, CER. 472K-B1H -CP
	C210	08S82122F37	CAP, CER. 101J-CH1H-CP
	C212	08S35374W01	CAP, CER 104K-B1E-CP
	C213	08S35374W01	CAP, CER 104K-B1E-CP
	C214	08S35374W01	CAP, CER 104K-B1E-CP
○	C231	08T55390W11	CAP, PF 332J-1H -R5
○	C232	08T55390W11	CAP, PF 332J-1H -R5
○	C233	08T55390W23	CAP, TF 333J-1H -R5

NOTE : ○ : For TDA-7572R Model Only, Others : Common.

Symbol No.		Part No.	Description
○	C234	08T55390W23	CAP, TF 333J-1H -R5
	C241	08S82122F33	CAP, CER. 68RJ-CH1H-CP
	C337	08S45677W32	CAP, CER. 68RJ-CH1H-CP
	C338	08S45677W32	CAP, CER. 68RJ-CH1H-CP
	C339	08S45677W32	CAP, CER. 68RJ-CH1H-CP
	C340	08S45677W32	CAP, CER. 68RJ-CH1H-CP
○	C345	08S45677W25	CAP, CER 36RJ-CH1H-CP
○	C346	08S45677W25	CAP, CER 36RJ-CH1H-CP
○	C347	08S45677W25	CAP, CER 36RJ-CH1H-CP
○	C348	08S45677W25	CAP, CER 36RJ-CH1H-CP
○	C353	08S45677W25	CAP, CER 36RJ-CH1H-CP
○	C354	08S45677W25	CAP, CER 36RJ-CH1H-CP
○	C355	08S45677W25	CAP, CER 36RJ-CH1H-CP
○	C356	08S45677W25	CAP, CER 36RJ-CH1H-CP
	C501	08S82122F15	CAP, CER. 12RJ-CH1H-CP
	C502	08S82122F17	CAP, CER. 15RJ-CH1H-CP
	C503	08T15399W01	CAP, CER. 223K-B1H -CP
	C504	08S82122F19	CAP, CER. 18RJ-CH1H-CP
	C505	08S82122F19	CAP, CER. 18RJ-CH1H-CP
	C506	08T15399W01	CAP, CER. 223K-B1H -CP
	C507	08S65128F69	CAP, CER. 103K-B1H -CP
	C508	08T15399W01	CAP, CER. 223K-B1H -CP
	C601	08T15399W01	CAP, CER. 223K-B1H -CP
	C602	08S35374W01	CAP, CER 104K-B1E-CP
	C603	08S65128F61	CAP, CER. 222K-B1H -CP
	C604	08S45677W36	CAP, CER. 101J-CH1H-CP
	C605	08T15399W04	CAP, CER. 273K-B1H -CP
	C607	08T15399W04	CAP, CER. 273K-B1H -CP
	C802	08T15399W01	CAP, CER. 223K-B1H -CP
	C804	08T55487W02	CAP, CER. 224K-B1C -CP
	C807	08S82122F61	CAP, CER. 102J-CH1H-CP
	C808	08S45677W36	CAP, CER. 101J-CH1H-CP
	C809	08S45677W22	CAP, CER. 27RJ-CH1H-CP
	C830	08T15399W01	CAP, CER. 223K-B1H -CP
	C831	08T55390W34	CAP, TF 274J-1H -R5
	C870	08T15399W01	CAP, CER. 223K-B1H -CP
	C871	08T95466W01	CAP, CER 222K-B2J -CP
	C874	08T95466W01	CAP, CER 222K-B2J -CP
	E001	23S75372W04	CAP, ELY 10R-1C -R2
	E002	23S75372W15	CAP, ELY 1R0-1H -R2
	E003	23S75372W12	CAP, ELY R33-1H -R2
	E006	23S75372W17	CAP, ELY 3R3-1H -R2
	E007	23S75372W04	CAP, ELY 10R-1C -R2
	E009	23S75372W04	CAP, ELY 10R-1C -R2
	E010	23S75372W16	CAP, ELY 2R2-1H -R2
	E020	23S75372W04	CAP, ELY 10R-1C -R2
	E120	23S65134W31	CAP, ELY 10R-1C (4) -E2
○	E121	23S65134W31	CAP, ELY 10R-1C (4) -E2
	E181	23S75372W04	CAP, ELY 10R-1C -R2

Symbol No.		Part No.	Description
	E182	23S75372W04	CAP, ELY 10R-1C -R2
	E201	23S75372W04	CAP, ELY 10R-1C -R2
	E207	23S75372W04	CAP, ELY 10R-1C -R2
	E208	23S75372W09	CAP, ELY 4R7-1V -R2
○	E209	23S75372W17	CAP, ELY 3R3-1H -R2
○	E210	23S75372W17	CAP, ELY 3R3-1H -R2
○	E213	23S75372W17	CAP, ELY 3R3-1H -R2
○	E214	23S75372W17	CAP, ELY 3R3-1H -R2
	E215	23S75372W15	CAP, ELY 1R0-1H -R2
	E216	23S75372W05	CAP, ELY 22R-1C -R2
○	E231	23S75372W04	CAP, ELY 10R-1C -R2
○	E232	23S75372W05	CAP, ELY 22R-1C -R2
○	E234	23S75372W04	CAP, ELY 10R-1C -R2
○	E235	23S75372W04	CAP, ELY 10R-1C -R2
	E241	23S75372W04	CAP, ELY 10R-1C -R2
	E242	23S75372W04	CAP, ELY 10R-1C -R2
	E243	23S75372W16	CAP, ELY 2R2-1H -R2
	E301	23T95115W01	CAP, AD R33-1H -R2
	E302	23T95115W01	CAP, AD R33-1H -R2
	E303	23T95115W01	CAP, AD R33-1H -R2
	E304	23T95115W01	CAP, AD R33-1H -R2
	E305	23T55378W12	CAP, KMG. 1R0-1H -R2
	E306	23T95115W02	CAP, AD 1R0-1H -R2
	E307	23T55378W06	CAP, KMG 47R-1V -R2
○	E330	23S75372W04	CAP, ELY 10R-1C -R2
○	E331	23S75372W04	CAP, ELY 10R-1C -R2
	E333	23S75372W16	CAP, ELY 2R2-1H -R2
	E334	23S75372W16	CAP, ELY 2R2-1H -R2
	E335	23S75372W16	CAP, ELY 2R2-1H -R2
	E336	23S75372W16	CAP, ELY 2R2-1H -R2
○	E337	23S75372W04	CAP, ELY 10R-1C -R2
○	E338	23S75372W04	CAP, ELY 10R-1C -R2
○	E339	23S75372W04	CAP, ELY 10R-1C -R2
○	E341	23S75372W04	CAP, ELY 10R-1C -R2
○	E342	23S75372W04	CAP, ELY 10R-1C -R2
○	E343	23S75372W04	CAP, ELY 10R-1C -R2
○	E345	23S75372W16	CAP, ELY 2R2-1H -R2
○	E346	23S75372W16	CAP, ELY 2R2-1H -R2
○	E347	23S75372W16	CAP, ELY 2R2-1H -R2
○	E348	23S75372W16	CAP, ELY 2R2-1H -R2
●	E349	23S75372W16	CAP, ELY 2R2-1H -R2
●	E350	23S75372W16	CAP, ELY 2R2-1H -R2
	E501	23S75372W03	CAP, ELY 221-1A -H2
	E502	23S75372W03	CAP, ELY 221-1A -H2
	E503	23S75372W05	CAP, ELY 22R-1C -R2
	E504	23S65134W32	CAP, ELY 22R-1C (5) -E3
	E601	23S75372W04	CAP, ELY 10R-1C -R2
	E801	23T75346W03	CAP, X-PRO 332-1C +
	E802	23S75372W10	CAP, ELY R10-1H -R2

NOTE : ○ : For TDA-7572R Model Only, ● : For TDA-7570R Model Only, Others : Common.

Symbol No.	Part No.	Description
E803	23S75372W13	CAP, ELY R47-1H -R2
E806	23S65134W72	CAP, ELY 3R3-1H (4) -E2
E807	23S75372W07	CAP, ELY 47R-1C -R2
E808	23S75372W05	CAP, ELY 22R-1C -R2
E809	23S75372W03	CAP, ELY 221-1A -H2
E811	23S75372W05	CAP, ELY 22R-1C -R2
E812	23S75372W07	CAP, ELY 47R-1C -R2
E813	23S75372W07	CAP, ELY 47R-1C -R2
E814	23S75372W07	CAP, ELY 47R-1C -R2
E815	23S75372W07	CAP, ELY 47R-1C -R2
E817	23S75372W05	CAP, ELY 22R-1C -R2
E818	23S75372W04	CAP, ELY 10R-1C -R2
E821	23S75372W04	CAP, ELY 10R-1C -R2
E822	23S75372W04	CAP, ELY 10R-1C -R2
E823	23S65134W31	CAP, ELY 10R-1C (4) -E2
E870	23S75372W03	CAP, ELY 221-1A -H2
E871	23S75372W03	CAP, ELY 221-1A -H2
E872	23S75372W04	CAP, ELY 10R-1C -R2
Resistors		
L501	06T75434W26	RES, RK JUMPER 1/4-CP
L502	06T75432W50	RES, RK JUMPER1/10-CP
R001	06S70072F05	RES, CP . 10R-J-1/4-CP
R003	06T75431W89	RES, RK 183J 1/10 -CP
R004	06T75431W93	RES, RK 273J 1/10 -CP
R005	06T75432W40	RES, RK 225J 1/10 -CP
R006	06T75431W59	RES, RK 102J 1/10 -CP
R007	06T75431W59	RES, RK 102J 1/10 -CP
R008	06T75431W59	RES, RK 102J 1/10 -CP
R009	06T75431W83	RES, RK 103J 1/10 -CP
R010	06T75432W16	RES, RK 224J 1/10 -CP
R011	06T75432W08	RES, RK 104J 1/10 -CP
R012	06T75431W91	RES, RK 223J 1/10 -CP
R013	06T75431W77	RES, RK 562J 1/10 -CP
R014	06T75431W91	RES, RK 223J 1/10 -CP
R015	06T75431W79	RES, RK 682J 1/10 -CP
R016	06T75431W74	RES, RK 432J 1/10 -CP
R017	06T75432W10	RES, RK 124J 1/10 -CP
R018	06T75431W99	RES, RK 473J 1/10 -CP
R019	06T75431W99	RES, RK 473J 1/10 -CP
R021	06T25277Y90	RES, RK 243J 1/16 -CP
R022	06T25277Y89	RES, RK 223J 1/16 -CP
R023	06T75431W83	RES, RK 103J 1/10 -CP
R024	06T25277Y57	RES, RK 102J 1/16 -CP
R025	06T75432W16	RES, RK 224J 1/10 -CP
R026	06T75431W91	RES, RK 223J 1/10 -CP
R028	06T75431W53	RES, RK 561J 1/10 -CP

Symbol No.	Part No.	Description
R031	06T75431W91	RES, RK 223J 1/10 -CP
R032	06T75432W50	RES, RK JUMPER1/10-CP
R033	06T75432W50	RES, RK JUMPER1/10-CP
R034	06T25277Y57	RES, RK 102J 1/16 -CP
R035	06T75432W50	RES, RK JUMPER1/10-CP
R036	06T25277Y43	RES, RK 271J 1/16 -CP
R037	06T25277Y43	RES, RK 271J 1/16 -CP
R038	06T25277Y57	RES, RK 102J 1/16 -CP
R040	06T75431W67	RES, RK 222J 1/10 -CP
R041	06T25278Y22	RES, RK 474J 1/16 -CP
R042	06T75431W59	RES, RK 102J 1/10 -CP
R101	06T75432W50	RES, RK JUMPER1/10-CP
R102	06T75432W50	RES, RK JUMPER1/10-CP
R106	06T25277Y81	RES, RK 103J 1/16 -CP
R108	06T75433W89	RES, RK 473J 1/4 -CP
R110	06T25277Y97	RES, RK 473J 1/16 -CP
R111	06T75431W99	RES, RK 473J 1/10 -CP
R116	06T75432W50	RES, RK JUMPER1/10-CP
R118	06T25277Y81	RES, RK 103J 1/16 -CP
R120	06T25279Y04	RES, RK JUMPER1/16-CP
R138	06T75431W67	RES, RK 222J 1/10 -CP
R139	06T75431W95	RES, RK 333J 1/10 -CP
R140	06T75431W95	RES, RK 333J 1/10 -CP
R141	06T75431W99	RES, RK 473J 1/10 -CP
R143	06T25279Y04	RES, RK JUMPER1/16-CP
R144	06T25279Y04	RES, RK JUMPER1/16-CP
R147	06T25279Y04	RES, RK JUMPER1/16-CP
R148	06T25279Y04	RES, RK JUMPER1/16-CP
R149	06T75434W26	RES, RK JUMPER 1/4-CP
R150	06T75434W26	RES, RK JUMPER 1/4-CP
R182	06T25277Y65	RES, RK 222J 1/16 -CP
R183	06T25277Y67	RES, RK 272J 1/16 -CP
R184	06T25277Y67	RES, RK 272J 1/16 -CP
R185	06T25277Y65	RES, RK 222J 1/16 -CP
R201	06T25279Y04	RES, RK JUMPER1/16-CP
R202	06T25279Y04	RES, RK JUMPER1/16-CP
R215	06T75431W81	RES, RK 822J 1/10 -CP
R218	06T75431W97	RES, RK 393J 1/10 -CP
R219	06T75431W97	RES, RK 393J 1/10 -CP
R222	06T25278Y22	RES, RK 474J 1/16 -CP
R223	06T75433W49	RES, RK 102J 1/4 -CP
R224	06T75432W02	RES, RK 563J 1/10 -CP
R226	06T75432W02	RES, RK 563J 1/10 -CP
R227	06T25277Y57	RES, RK 102J 1/16 -CP
R228	06T25277Y57	RES, RK 102J 1/16 -CP
○ R231	06T75431W90	RES, RK 203J 1/10 -CP
○ R232	06T75431W90	RES, RK 203J 1/10 -CP
○ R233	06T75431W90	RES, RK 203J 1/10 -CP
○ R234	06T75431W90	RES, RK 203J 1/10 -CP

NOTE : ○ : For TDA-7572R Model Only. Others : Common.

Symbol No.	Part No.	Description
○ R235	06T75431W83	RES, RK 103J 1/10 -CP
○ R236	06T75431W83	RES, RK 103J 1/10 -CP
○ R237	06T75431W83	RES, RK 103J 1/10 -CP
R241	06T75432W08	RES, RK 104J 1/10 -CP
R242	06T75432W08	RES, RK 104J 1/10 -CP
R243	06T25277Y97	RES, RK 473J 1/16 -CP
R244	06T75431W69	RES, RK 272J 1/10 -CP
R245	06T75431W85	RES, RK 123J 1/10 -CP
R246	06T25279Y04	RES, RK JUMPER1/16-CP
R247	06T75431W99	RES, RK 473J 1/10 -CP
R261	06T25277Y97	RES, RK 473J 1/16 -CP
R262	06T25277Y97	RES, RK 473J 1/16 -CP
R301	06T75431W83	RES, RK 103J 1/10 -CP
○ R303	06T25279Y04	RES, RK JUMPER1/16-CP
○ R305	06T25279Y04	RES, RK JUMPER1/16-CP
● R311	06T25279Y04	RES, RK JUMPER1/16-CP
● R312	06T25279Y04	RES, RK JUMPER1/16-CP
● R321	06T75431W69	RES, RK 272J 1/10 -CP
● R322	06T75431W69	RES, RK 272J 1/10 -CP
○ R323	06T75431W69	RES, RK 272J 1/10 -CP
○ R324	06T75431W69	RES, RK 272J 1/10 -CP
○ R325	06T75431W69	RES, RK 272J 1/10 -CP
○ R326	06T75431W69	RES, RK 272J 1/10 -CP
R337	06S15593Y75	RES, RK 123F 1/10 -CP
R338	06S15593Y75	RES, RK 123F 1/10 -CP
R339	06S15593Y75	RES, RK 123F 1/10 -CP
R340	06S15593Y75	RES, RK 123F 1/10 -CP
○ R341	06S15593Y81	RES, RK 223F 1/10 -CP
○ R342	06S15593Y81	RES, RK 223F 1/10 -CP
○ R343	06S15593Y81	RES, RK 223F 1/10 -CP
○ R344	06S15593Y81	RES, RK 223F 1/10 -CP
○ R345	06S15593Y81	RES, RK 223F 1/10 -CP
○ R346	06S15593Y81	RES, RK 223F 1/10 -CP
○ R347	06S15593Y81	RES, RK 223F 1/10 -CP
○ R348	06S15593Y81	RES, RK 223F 1/10 -CP
○ R349	06S15593Y81	RES, RK 223F 1/10 -CP
○ R350	06S15593Y81	RES, RK 223F 1/10 -CP
○ R351	06S15593Y81	RES, RK 223F 1/10 -CP
○ R352	06S15593Y81	RES, RK 223F 1/10 -CP
○ R353	06S15593Y81	RES, RK 223F 1/10 -CP
○ R354	06S15593Y81	RES, RK 223F 1/10 -CP
○ R355	06S15593Y81	RES, RK 223F 1/10 -CP
○ R356	06S15593Y81	RES, RK 223F 1/10 -CP
○ R357	06T25277Y41	RES, RK 221J 1/16 -CP
○ R358	06T25277Y41	RES, RK 221J 1/16 -CP
○ R359	06T25277Y89	RES, RK 223J 1/16 -CP
○ R360	06T25277Y89	RES, RK 223J 1/16 -CP
○ R361	06T25277Y33	RES, RK 101J 1/16 -CP
○ R362	06T25277Y33	RES, RK 101J 1/16 -CP

Symbol No.	Part No.	Description
○ R365	06T25277Y41	RES, RK 221J 1/16 -CP
○ R366	06T25277Y41	RES, RK 221J 1/16 -CP
○ R367	06T25277Y89	RES, RK 223J 1/16 -CP
○ R368	06T25277Y89	RES, RK 223J 1/16 -CP
○ R369	06T25277Y33	RES, RK 101J 1/16 -CP
○ R370	06T25277Y33	RES, RK 101J 1/16 -CP
● R373	06T25277Y41	RES, RK 221J 1/16 -CP
● R374	06T25277Y41	RES, RK 221J 1/16 -CP
● R375	06T25277Y89	RES, RK 223J 1/16 -CP
● R376	06T25277Y89	RES, RK 223J 1/16 -CP
● R377	06T25277Y33	RES, RK 101J 1/16 -CP
● R378	06T25277Y33	RES, RK 101J 1/16 -CP
○ R381	06T25277Y81	RES, RK 103J 1/16 -CP
○ R382	06T75431W83	RES, RK 103J 1/10 -CP
● R383	06T25277Y41	RES, RK 221J 1/16 -CP
● R384	06T25277Y41	RES, RK 221J 1/16 -CP
● R385	06T25277Y41	RES, RK 221J 1/16 -CP
● R386	06T25277Y41	RES, RK 221J 1/16 -CP
○ R387	06T25277Y41	RES, RK 221J 1/16 -CP
○ R388	06T25277Y41	RES, RK 221J 1/16 -CP
○ R389	06T25277Y41	RES, RK 221J 1/16 -CP
○ R390	06T25277Y41	RES, RK 221J 1/16 -CP
R391	06S15593Y79	RES, RK 183F 1/10 -CP
R392	06S15593Y79	RES, RK 183F 1/10 -CP
R393	06S15593Y79	RES, RK 183F 1/10 -CP
R394	06S15593Y79	RES, RK 183F 1/10 -CP
R500	06T75431W59	RES, RK 102J 1/10 -CP
R501	06T75431W85	RES, RK 123J 1/10 -CP
R503	06T75431W59	RES, RK 102J 1/10 -CP
R504	06T75431W59	RES, RK 102J 1/10 -CP
R505	06T75431W59	RES, RK 102J 1/10 -CP
R506	06T75431W59	RES, RK 102J 1/10 -CP
R507	06T75431W59	RES, RK 102J 1/10 -CP
R511	06T75431W59	RES, RK 102J 1/10 -CP
R513	06T25277Y81	RES, RK 103J 1/16 -CP
R515	06T75431W59	RES, RK 102J 1/10 -CP
R516	06T75431W59	RES, RK 102J 1/10 -CP
R517	06T75431W59	RES, RK 102J 1/10 -CP
○ R518	06T25277Y85	RES, RK 153J 1/16 -CP
○ R519	06T25277Y77	RES, RK 682J 1/16 -CP
● R519	06T25277Y89	RES, RK 223J 1/16 -CP
R520	06T25278Y06	RES, RK 104J 1/16 -CP
R521	06T75432W50	RES, RK JUMPER1/10-CP
R524	06T25279Y04	RES, RK JUMPER1/16-CP
R525	06T25278Y22	RES, RK 474J 1/16 -CP
R528	06T75431W59	RES, RK 102J 1/10 -CP
R529	06T75431W99	RES, RK 473J 1/10 -CP
R530	06T75431W99	RES, RK 473J 1/10 -CP
R531	06T75434W14	RES, RK 474J 1/4 -CP

NOTE : ○ : For TDA-7572R Model Only, ● : For TDA-7570R Model Only, Others : Common.

Symbol No.		Part No.	Description
	R533	06T75431W59	RES, RK 102J 1/10 -CP
	R534	06T75431W59	RES, RK 102J 1/10 -CP
	R535	06T75431W59	RES, RK 102J 1/10 -CP
	R536	06T75431W83	RES, RK 103J 1/10 -CP
	R537	06T75431W83	RES, RK 103J 1/10 -CP
	R539	06T25277Y97	RES, RK 473J 1/16 -CP
	R541	06T75431W59	RES, RK 102J 1/10 -CP
	R542	06T75431W79	RES, RK 682J 1/10 -CP
	R543	06T75431W83	RES, RK 103J 1/10 -CP
	R544	06T75431W91	RES, RK 223J 1/10 -CP
	R549	06T75431W59	RES, RK 102J 1/10 -CP
	R550	06T75431W91	RES, RK 223J 1/10 -CP
	R551	06T75431W75	RES, RK 472J 1/10 -CP
	R552	06T25277Y57	RES, RK 102J 1/16 -CP
	R553	06T75431W91	RES, RK 223J 1/10 -CP
	R554	06T75431W83	RES, RK 103J 1/10 -CP
	R555	06T75431W83	RES, RK 103J 1/10 -CP
	R559	06T25277Y81	RES, RK 103J 1/16 -CP
	R560	06T25277Y89	RES, RK 223J 1/16 -CP
	R561	06T75433W33	RES, RK 221J 1/4 -CP
	R570	06T75431W91	RES, RK 223J 1/10 -CP
	R580	06T75432W08	RES, RK 104J 1/10 -CP
	R601	06T75431W83	RES, RK 103J 1/10 -CP
	R602	06T75431W99	RES, RK 473J 1/10 -CP
	R603	06T75433W73	RES, RK 103J 1/4 -CP
	R604	06T25277Y81	RES, RK 103J 1/16 -CP
	R605	06T75433W49	RES, RK 102J 1/4 -CP
	R606	06T75431W83	RES, RK 103J 1/10 -CP
	R607	06T25277Y33	RES, RK 101J 1/16 -CP
	R608	06T25277Y65	RES, RK 222J 1/16 -CP
	R609	06T25277Y69	RES, RK 332J 1/16 -CP
	R610	06T25277Y81	RES, RK 103J 1/16 -CP
	R611	06T75431W91	RES, RK 223J 1/10 -CP
	R612	06T25277Y57	RES, RK 102J 1/16 -CP
	R613	06T75433W13	RES, RK 33RJ 1/4 -CP
	R614	06T75433W13	RES, RK 33RJ 1/4 -CP
	R615	06T75433W13	RES, RK 33RJ 1/4 -CP
	R616	06T75433W13	RES, RK 33RJ 1/4 -CP
	R617	06T75433W13	RES, RK 33RJ 1/4 -CP
	R618	06T75433W13	RES, RK 33RJ 1/4 -CP
	R619	06T25277Y97	RES, RK 473J 1/16 -CP
	R620	06T25277Y97	RES, RK 473J 1/16 -CP
	R621	06T75431W91	RES, RK 223J 1/10 -CP
	R622	06T75431W91	RES, RK 223J 1/10 -CP
	R623	06T75431W91	RES, RK 223J 1/10 -CP
○	R633	06T25277Y57	RES, RK 102J 1/16 -CP
○	R634	06T25277Y57	RES, RK 102J 1/16 -CP
○	R635	06T25277Y57	RES, RK 102J 1/16 -CP
	R636	06T25277Y57	RES, RK 102J 1/16 -CP

Symbol No.	Part No.	Description
R637	06T25277Y57	RES, RK 102J 1/16 -CP
R638	06T25277Y57	RES, RK 102J 1/16 -CP
R656	06T75433W34	RES, RK 241J 1/4 -CP
R801	06T75433W82	RES, RK 243J 1/4 -CP
R802	06T75433W55	RES, RK 182J 1/4 -CP
R803	06T75433W55	RES, RK 182J 1/4 -CP
R804	06T75433W55	RES, RK 182J 1/4 -CP
R805	06T75433W55	RES, RK 182J 1/4 -CP
R806	06T75433W65	RES, RK 472J 1/4 -CP
R807	06T75433W65	RES, RK 472J 1/4 -CP
R808	06T25277Y57	RES, RK 102J 1/16 -CP
R809	06T75433W73	RES, RK 103J 1/4 -CP
R811	06T75431W59	RES, RK 102J 1/10 -CP
R813	06T75433W33	RES, RK 221J 1/4 -CP
R814	06T75434W23	RES, RK 5R6J 1/4 -CP
R815	06T75433W39	RES, RK 391J 1/4 -CP
R817	06T75434W22	RES, RK 2R2J 1/4 -CP
R818	06T75434W22	RES, RK 2R2J 1/4 -CP
R819	06T75433W41	RES, RK 471J 1/4 -CP
R820	06T75431W60	RES, RK 112J 1/10 -CP
R821	06T75431W60	RES, RK 112J 1/10 -CP
R822	06T75431W60	RES, RK 112J 1/10 -CP
R823	06T75431W60	RES, RK 112J 1/10 -CP
R824	06T75433W65	RES, RK 472J 1/4 -CP
R831	06T25277Y69	RES, RK 332J 1/16 -CP
R832	06T75433W49	RES, RK 102J 1/4 -CP
R833	06T75433W73	RES, RK 103J 1/4 -CP
R837	06T75431W92	RES, RK 243J 1/10 -CP
R838	06T75433W55	RES, RK 182J 1/4 -CP
R839	06T75433W55	RES, RK 182J 1/4 -CP
R840	06T75434W25	RES, RK 8R2J 1/4 -CP
R841	06T75434W25	RES, RK 8R2J 1/4 -CP
R842	06T75434W25	RES, RK 8R2J 1/4 -CP
R843	06T75434W25	RES, RK 8R2J 1/4 -CP
R847	06T75431W83	RES, RK 103J 1/10 -CP
R850	06T25277Y61	RES, RK 152J 1/16 -CP
R851	06T25277Y65	RES, RK 222J 1/16 -CP
R853	06T25277Y65	RES, RK 222J 1/16 -CP
R854	06T25277Y61	RES, RK 152J 1/16 -CP
R855	06T75433W01	RES, RK 10RJ 1/4 -CP
R856	06T75433W15	RES, RK 39RJ 1/4 -CP
R857	06T75433W15	RES, RK 39RJ 1/4 -CP
R858	06T75433W15	RES, RK 39RJ 1/4 -CP
R859	06T75433W15	RES, RK 39RJ 1/4 -CP
R860	06T25277Y59	RES, RK 122J 1/16 -CP
R861	06T25277Y73	RES, RK 472J 1/16 -CP
R862	06T25277Y77	RES, RK 682J 1/16 -CP
R863	06T75431W83	RES, RK 103J 1/10 -CP
R864	06T75431W83	RES, RK 103J 1/10 -CP

NOTE : ○ : For TDA-7572R Model Only, Others : Common.

Symbol No.	Part No.	Description
R865	06T25277Y81	RES, RK 103J 1/16 -CP
R866	06T25277Y81	RES, RK 103J 1/16 -CP
R867	06T25277Y77	RES, RK 682J 1/16 -CP
R868	06T75431W83	RES, RK 103J 1/10 -CP
R869	06T25277Y41	RES, RK 221J 1/16 -CP
R870	06T75431W87	RES, RK 153J 1/10 -CP
R872	06T75433W35	RES, RK 271J 1/4 -CP
R873	06T75433W35	RES, RK 271J 1/4 -CP
R875	06T75433W41	RES, RK 471J 1/4 -CP
R876	06T15443W59	RES, RK 182F 1/10 -CP
R877	06T15443W71	RES, RK 562F 1/10-CP
R881	06T75434W23	RES, RK 5R6J 1/4 -CP
R882	06T75431W83	RES, RK 103J 1/10 -CP
R883	06T75434W22	RES, RK 2R2J 1/4 -CP
RA505	06S45591W06	RES, ARY MNR102J 4-CP
RA506	06S45591W06	RES, ARY MNR102J 4-CP
RA507	06S45591W06	RES, ARY MNR102J 4-CP
Connectors		
CB101	09T25684Y21	FFC, SLW21R-1C7 -DB
○ CB330	09T25738Y06	WTB, 53254-0610 -DB
● CB331	09T25436Y03	WTB, 53253-0310 -DB
CB501	09T45434W15	FFC, 52271-1590 -ED
CB601	09T25436Y02	WTB, 53253-0210 -DB
CB603	09T35080Y02	WTB, SZ15-02WS -DB
Front P. W. Board		
IC's		
IC401	51T85152W01	LC75883 -QT
IC402	51T15186Y01	LC75823W -QT
IC403	51T95040W01	SBX8035F -NS
Transistors		
Q405	48T52439F01	TR, 2SD602A-RS-TX -CP
Q406	48T52439F01	TR, 2SD602A-RS-TX -CP
Q408	48T64222F02	TR , UN2212 22-22 -TX
Q409	48T64222F01	TR , UN2211 10-10 -TX
Q410	48T64222F01	TR , UN2211 10-10 -TX

Symbol No.	Part No.	Description
Diodes		
D401	48T81063F01	DIO, CP, MA159 / TX-CP
D402	48T94471F01	TR , 1MN10
D405	48T85357W01	DIO, 1PS226 -CP
D406	48T85357W01	DIO, 1PS226 -CP
D407	48T85357W01	DIO, 1PS226 -CP
D408	48T85357W01	DIO, 1PS226 -CP
D409	48T85357W01	DIO, 1PS226 -CP
LED's		
LD401	48T75261W01	LED, SML-020PDTT87-CP (ORG/GRN)
LD402	48T75261W01	LED, SML-020PDTT87-CP (ORG/GRN)
LD403	48T75261W01	LED, SML-020PDTT87-CP (ORG/GRN)
LD404	48T75261W01	LED, SML-020PDTT87-CP (ORG/GRN)
LD405	48T75261W01	LED, SML-020PDTT87-CP (ORG/GRN)
LD406	48T75261W01	LED, SML-020PDTT87-CP (ORG/GRN)
LD407	48T75261W01	LED, SML-020PDTT87-CP (ORG/GRN)
LD408	48T75261W01	LED, SML-020PDTT87-CP (ORG/GRN)
LD409	48T75261W01	LED, SML-020PDTT87-CP (ORG/GRN)
LD410	48T75261W01	LED, SML-020PDTT87-CP (ORG/GRN)
LD411	48T75261W01	LED, SML-020PDTT87-CP (ORG/GRN)
LD412	48T75261W01	LED, SML-020PDTT87-CP (ORG/GRN)
LD413	48T75261W01	LED, SML-020PDTT87-CP (ORG/GRN)
LD416	48T25583Y01	LED, KB1111CE -CP (BLU)
LD417	48T25534Y02	LED, BR1111C -CP (RED)
LD418	48T25534Y02	LED, BR1111C -CP (RED)
Inverter		
INV401	01T95281W08	ASSY, INV 7852R0
Switches		
SW402	40T55656W06	SW, TACT SKQMAJ001-E2 (TUNE A. ME UP/FWD)
SW403	40T55656W06	SW, TACT SKQMAJ001-E2 (PLAY/PAUSE/TUNE A. ME)
SW404	40T55656W06	SW, TACT SKQMAJ001-E2 (TUNE A. ME DN/RWD)
○ SW405	40T55656W06	SW, TACT SKQMAJ001-E2 (MODE/BBE)
● SW405	40T55656W06	SW, TACT SKQMAJ001-E2 (LOUD)
SW406	40T55656W06	SW, TACT SKQMAJ001-E2 (SOURCE/PWR)
SW407	40T55656W06	SW, TACT SKQMAJ001-E2 (BAND/PROG/T. S. M.)
SW408	40T55656W06	SW, TACT SKQMAJ001-E2 (AF)

NOTE : ○ : For TDA-7572R Model Only, ● : For TDA-7570R Model Only, Others : Common.

Symbol No.	Part No.	Description
SW409	40T55656W06	SW, TACT SKQMAJ001-E2 (AUDIO UP)
SW410	40T55656W06	SW, TACT SKQMAJ001-E2 (AUDIO DOWN)
SW411	40T55656W06	SW, TACT SKQMAJ001-E2 (F/DEMO)
SW412	40T55656W06	SW, TACT SKQMAJ001-E2 (F1)
SW413	40T55656W06	SW, TACT SKQMAJ001-E2 (F2)
SW414	40T55656W06	SW, TACT SKQMAJ001-E2 (F3)
SW415	40T55656W06	SW, TACT SKQMAJ001-E2 (F4)
SW416	40T55656W06	SW, TACT SKQMAJ001-E2 (F5)
SW417	40T55656W06	SW, TACT SKQMAJ001-E2 (F6)
SW418	40T55656W06	SW, TACT SKQMAJ001-E2 (EJECT)
SW419	40T55656W06	SW, TACT SKQMAJ001-E2 (TITLE/T. R. V. S.)
SW420	40T55656W06	SW, TACT SKQMAJ001-E2 (MUTE/DISP)
SW421	40T55656W06	SW, TACT SKQMAJ001-E2 (ANGLE UP)
SW422	40T55656W06	SW, TACT SKQMAJ001-E2 (ANGLE DN)
SW423	40T55656W06	SW, TACT SKQMAJ001-E2 (T. INFO/S. P. S.)
SW424	40T55656W06	SW, TACT SKQMAJ001-E2 (RESET)

Capacitors

C401	08S53332F51	CAP, CP . 223-K-B -CP
C402	08S82122F61	CAP, CER. 102J-CH1H-CP
C403	08T15399W03	CAP, CER. 473K-B1H -CP
C404	08T15399W03	CAP, CER. 473K-B1H -CP
C405	08S53332F62	CAP, CP . 473-K-B -CP
C406	08T15399W03	CAP, CER. 473K-B1H -CP
C407	08T15399W03	CAP, CER. 473K-B1H -CP
C408	08S82122F57	CAP, CER. 681J-CH1H-CP
C409	08S35374W01	CAP, CER 104K-B1E-CP
E402	23S55311W42	CAP, TAN. 4R7-1D-B -CP

Resistors

R401	06T75431W59	RES, RK 102J 1/10 -CP
R402	06T75431W59	RES, RK 102J 1/10 -CP
R403	06T75431W59	RES, RK 102J 1/10 -CP
R404	06T75431W59	RES, RK 102J 1/10 -CP
R405	06T75431W59	RES, RK 102J 1/10 -CP
R406	06T75431W59	RES, RK 102J 1/10 -CP
R407	06T75431W59	RES, RK 102J 1/10 -CP
R418	06T75431W98	RES, RK 433J 1/10 -CP
R423	06T75431W59	RES, RK 102J 1/10 -CP
R424	06T75431W98	RES, RK 433J 1/10 -CP
R428	06T75431W59	RES, RK 102J 1/10 -CP
R429	06T75431W59	RES, RK 102J 1/10 -CP
R430	06T75431W59	RES, RK 102J 1/10 -CP
R431	06T75431W59	RES, RK 102J 1/10 -CP

Symbol No.	Part No.	Description
R432	06T75431W59	RES, RK 102J 1/10 -CP
R433	06T75431W59	RES, RK 102J 1/10 -CP
R434	06T75431W59	RES, RK 102J 1/10 -CP
R435	06T75431W59	RES, RK 102J 1/10 -CP
R436	06T75431W59	RES, RK 102J 1/10 -CP
R437	06T75431W59	RES, RK 102J 1/10 -CP
R438	06T75433W39	RES, RK 391J 1/4 -CP
R439	06T75433W27	RES, RK 121J 1/4 -CP
R440	06T75433W43	RES, RK 561J 1/4 -CP
R441	06T75433W27	RES, RK 121J 1/4 -CP
R442	06T75433W33	RES, RK 221J 1/4 -CP
R443	06T75433W26	RES, RK 111J 1/4 -CP
R444	06T75433W37	RES, RK 331J 1/4 -CP
R445	06T75433W33	RES, RK 221J 1/4 -CP
R446	06T75433W39	RES, RK 391J 1/4 -CP
R447	06T75433W33	RES, RK 221J 1/4 -CP
R449	06T75433W41	RES, RK 471J 1/4 -CP
R451	06T75431W67	RES, RK 222J 1/10 -CP
R455	06T75431W67	RES, RK 222J 1/10 -CP
R456	06T75433W43	RES, RK 561J 1/4 -CP
R458	06T75431W35	RES, RK 101J 1/10 -CP
R459	06T75431W75	RES, RK 472J 1/10 -CP
R464	06T75432W08	RES, RK 104J 1/10 -CP
R465	06T75433W43	RES, RK 561J 1/4 -CP
RA401	06S45591W06	RES, ARY MNR102J 4-CP
RA402	06S45591W06	RES, ARY MNR102J 4-CP

DOOR P. W. Board

Connector

CB691	01T25708Y01	ASSY, WIRE CK DET

GR Control P. W. Board

IC's

○	IC1101	51T25452Y01	CXA2561Q-T4 -QE6
●	IC1101	51T25451Y01	CXA2560Q-T4 -QE6
	IC1501	51T75628W02	BA6285AFP-Y-E2 -SE9

NOTE : ○ : For TDA-7572R Model Only, ● : For TDA-7570R Model Only, Others : Common.

	Symbol No.	Part No.	Description
	Transistors		
	Q1101	48T62967F06	TR, DTC114YKA-T146-CP
	Q1103	48T62967F06	TR, DTC114YKA-T146-CP
	Q1501	48T84366F05	TR, 2SB1243-R-TV2 -RD
	Q1502	48T62967F06	TR, DTC114YKA-T146-CP
	Q1503	48T62967F06	TR, DTC114YKA-T146-CP
	Q1504	48T83835F03	TR, 2SD1859-Q-TV2 -RD
	Diodes		
	D1101	48T81063F01	DIO, CP. MA159 / TX-CP
	D1501	48T81063F01	DIO, CP. MA159 / TX-CP
	D1502	48T81063F01	DIO, CP. MA159 / TX-CP
	ZD1501	48T25766W11	DIO, ZEN. HZS 7A2L -R5
	Capacitors		
	C1101	08S82122F55	CAP, CER. 561J-CH1H-CP
	C1102	08S82122F55	CAP, CER. 561J-CH1H-CP
	C1103	08S82122F55	CAP, CER. 561J-CH1H-CP
	C1104	08S82122F55	CAP, CER. 561J-CH1H-CP
	C1105	08S65128F71	CAP, CER. 153K-B1H -CP
	C1106	08S65128F71	CAP, CER. 153K-B1H -CP
	C1107	08S35374W01	CAP, CER 104K-B1E-CP
	C1108	08S35374W01	CAP, CER 104K-B1E-CP
	C1109	08S35374W01	CAP, CER 104K-B1E-CP
	C1110	08T15399W05	CAP, CER. 683K-B1H -CP
	C1111	08T15399W05	CAP, CER. 683K-B1H -CP
	C1113	08S35374W01	CAP, CER 104K-B1E-CP
	C1114	08S35374W01	CAP, CER 104K-B1E-CP
	C1115	08S35374W01	CAP, CER 104K-B1E-CP
	C1116	08T15399W05	CAP, CER. 683K-B1H -CP
	C1501	08S35374W01	CAP, CER 104K-B1E-CP
	C1502	08S35374W01	CAP, CER 104K-B1E-CP
	E1101	23S75372W05	CAP, ELY 22R-1C -R2
	E1102	23S75372W05	CAP, ELY 22R-1C -R2
	Resistors		
	J1100	06S53331F39	RES, CP . JUMPER1/8-CP
	J1101	06S53331F39	RES, CP . JUMPER1/8-CP
	J1102	06S53331F39	RES, CP . JUMPER1/8-CP
	J1103	06S53331F39	RES, CP . JUMPER1/8-CP
	J1104	06S53331F39	RES, CP . JUMPER1/8-CP
	J1105	06S53331F39	RES, CP . JUMPER1/8-CP
	J1106	06S53331F39	RES, CP . JUMPER1/8-CP
	J1107	06S53331F39	RES, CP . JUMPER1/8-CP
	J1108	06S53331F39	RES, CP . JUMPER1/8-CP
	J1109	06S53331F39	RES, CP . JUMPER1/8-CP
	J1110	06S64996F39	RES, RK JUMPER 1/8-CP
	J1111	06S53331F39	RES, CP . JUMPER1/8-CP
	J1112	06S53331F39	RES, CP . JUMPER1/8-CP
	J1113	06S53331F39	RES, CP . JUMPER1/8-CP
	J1114	06S53331F39	RES, CP . JUMPER1/8-CP
	J1115	06S53331F39	RES, CP . JUMPER1/8-CP
	J1116	06S53331F39	RES, CP . JUMPER1/8-CP
	J1117	06S53331F39	RES, CP . JUMPER1/8-CP
	J1118	06S53331F39	RES, CP . JUMPER1/8-CP
	J1119	06S53331F39	RES, CP . JUMPER1/8-CP
	J1120	06S53331F39	RES, CP . JUMPER1/8-CP
	J1121	06S53331F39	RES, CP . JUMPER1/8-CP
	J1122	06S53331F39	RES, CP . JUMPER1/8-CP
	J1124	06S53331F39	RES, CP . JUMPER1/8-CP
	J1125	06S53331F39	RES, CP . JUMPER1/8-CP
	J1126	06S53331F39	RES, CP . JUMPER1/8-CP
	J1127	06S53331F39	RES, CP . JUMPER1/8-CP
	J1128	06S53331F39	RES, CP . JUMPER1/8-CP
	J1129	06S53331F39	RES, CP . JUMPER1/8-CP
	J1130	06S53331F39	RES, CP . JUMPER1/8-CP
	J1131	06S53331F39	RES, CP . JUMPER1/8-CP
	J1132	06S64996F39	RES, RK JUMPER 1/8-CP
	J1133	06S64996F39	RES, RK JUMPER 1/8-CP
	J1134	06S53331F39	RES, CP . JUMPER1/8-CP
	J1136	06S64996F39	RES, RK JUMPER 1/8-CP
	J1137	06S64996F39	RES, RK JUMPER 1/8-CP
	R1101	06S64995F35	RES, RK 181J 1/8 -CP
	R1102	06S64995F35	RES, RK 181J 1/8 -CP
○	R1103	06S64995F84	RES, RK 203J 1/8 -CP
●	R1103	06S64995F83	RES, RK 183J 1/8 -CP
	R1104	06S64995F95	RES, RK 563J 1/8 -CP
	R1105	06S64995F78	RES, RK 113J 1/8 -CP
	R1106	06S64996F26	RES, RK 105J 1/8 -CP
	R1110	06S53330F29	RES, CP . 101-J-1/8-CP
	R1111	06S53330F77	RES, CP . 103-J-1/8-CP
○	R1112	06S53330F77	RES, CP . 103-J-1/8-CP
	R1113	06S64995F77	RES, RK 103J 1/8 -CP
	R1114	06S53330F77	RES, CP . 103-J-1/8-CP
	R1507	06S70072F41	RES, CP . 331-J-1/4-CP
	R1508	06S70072F41	RES, CP . 331-J-1/4-CP
	R1509	06S64995F77	RES, RK 103J 1/8 -CP
	R1510	06S70072F60	RES, CP . 202-J-1/4-CP
	R1511	06S70072F60	RES, CP . 202-J-1/4-CP
	R1512	06S64996F01	RES, RK 913J 1/8 -CP
	R1513	06S64996F01	RES, RK 913J 1/8 -CP
	R1514	06S70072F53	RES, CP . 102-J-1/4-CP

NOTE : ○ : For TDA-7572R Model Only, ● : For TDA-7570R Model Only, Others : Common.

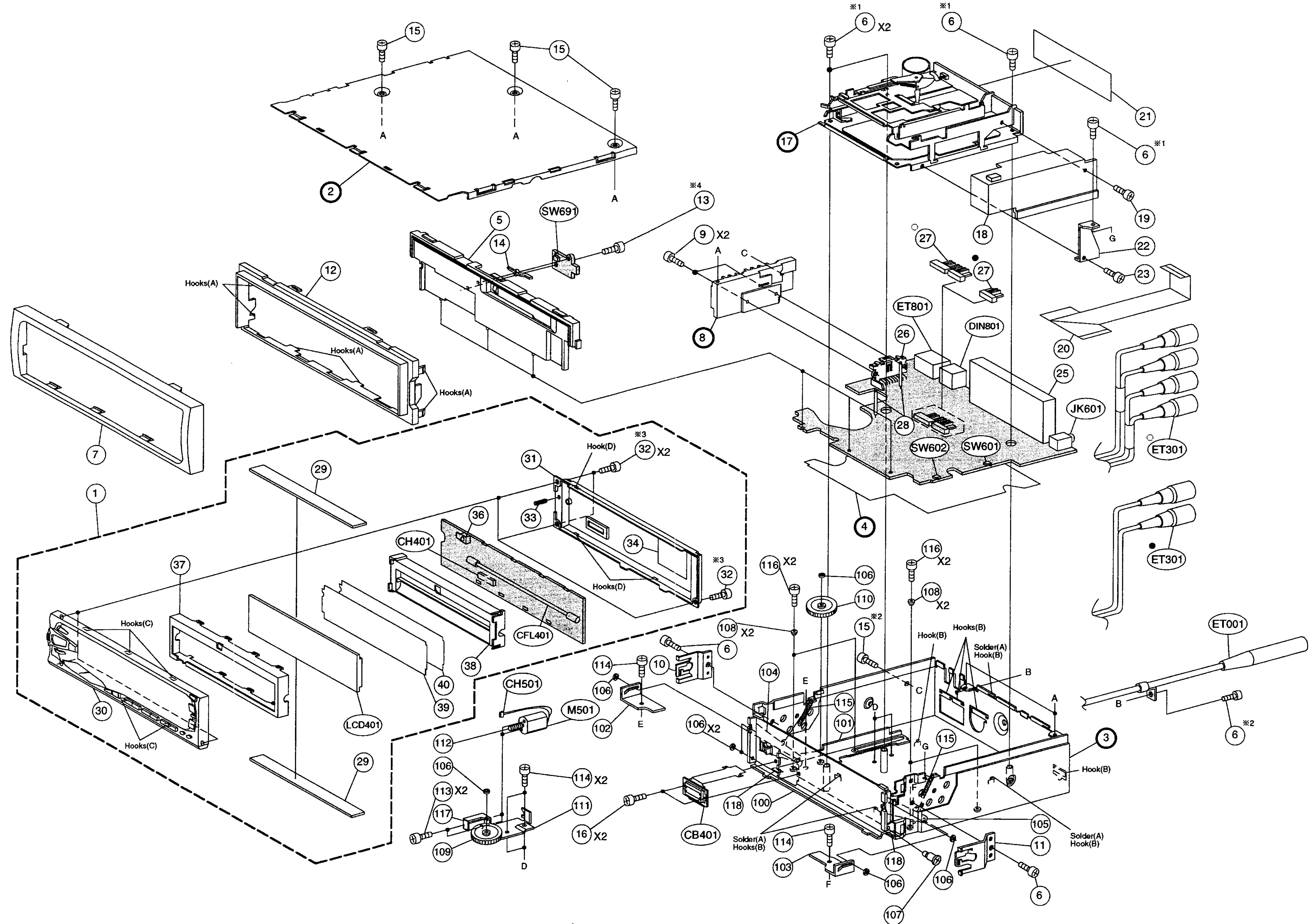
	Symbol No.	Part No.	Description
	R1515	06S81094F09	RES, MF . 4R7-1/2-J-A1
	VR1101	18T93996F13	VAR, RH0422C 103 +
	VR1102	18T93996F13	VAR, RH0422C 103 +
	Connector		
	CB1101	09T25446Y21	FFC, 52089-2110 -DB
	Miscellaneous		
	CB401	01T35001Y01	Assy., Unizon Connector
	CFL401	65T25089Y04	FL Tube, CTY22P2-110N98
	CH401	09T25444Y15	BTB, 55323-1511
	CH501	01T25413Y01	Assy., 2P Connector
	DIN801	09T55071W11	Ai-NET Connector
	ET001	01T15513W26	Assy., Antenna Receptacle
○	ET301	01T15332Y08	Assy., RCA Connector (NFP/FRONT/REAR)
●	ET301	01T15332Y07	Assy., RCA Connector (REAR)
	ET801	09T55175W16	SP. Output & Power Supply Connector
	HD1101	88T75612W03	Assy., Head
	JK601	09T95460W01	Remote Control Interface Connector
	LCD401	65T25719Y01	LCD Display
	M501	59T65085W01	Nose Motor (7V-370mA)
	M1501	01V31600Y41	Assy., Main Motor (13. 2V-90mA)
	M1502	01V24100Y88	Assy., Sub Motor (7V-370mA)
	PT1501	51T63433F03	Sensor, Photo ON2170-R2
	PT1502	51T63433F03	Sensor, Photo ON2170-R2
	SW601	40T15494Y01	SW, DETCT SPVG23 (NOSE CLOSE DET)
	SW602	40T15494Y02	SW, DETCT SPVG13 (NOSE OPEN DET)
	SW691	40T95060W03	SW, DETCT SPPB53H (CASSETTE DOOR DET)
	SW1501	40T15222W01	SW, DETECTOR (PACK IN)
	SW1502	40T15382W02	SW, DETECT SPPB32 (PAUSE)
	SW1503	40T15382W02	SW, DETECT SPPB32 (MODE)
	SW1504	40T15382W02	SW, DETECT SPPB32 (METAL)

Symbol No.	Part No.	Description

NOTE : ○ : For TDA-7572R Model Only, ● : For TDA-7570R Model Only, Others : Common.

Exploded View (Cabinet)

NOTE : The screws marked "※1~4" are disassembly parts.


1
2
3
4
5
15
15
A
A
A
2
※4
13
SW691
5
14
12
Hooks(A)
Hooks(A)
Hooks(A)
7
9 X2
A
C
8
※1
6 X2
※1
6
21
17
6 ※1
18
19
22
G
23
27
27
ET801
DIN801
26
20
25
JK601
28
SW602
SW601
ET301
4
ET301
1
29
31
Hook(D)
※3
32 X2
33
36
34
CH401
Hooks(D)
※3
32
CFL401
37
38
40
39
LCD401
Hooks(C)
30
Hooks(C)
29
116 X2
106
110
116 X2
108 X2
108 X2
※2
15
6
10
114
106
102
E
Hook(B)
Hooks(B)
Solder(A)
Hook(B)
B
A
C
E
104
115
101
D
G
115
3
Hook(B)
ET001
B
6 ※2
CH501
M501
112
106 X2
106
114 X2
113 X2
117
111
109
D
16 X2
CB401
118
100
Solder(A)
Hooks(B)
114
103
F
118
106
106
107
105
11
6
Solder(A)
Hook(B)
F
A
B
C
D
E
F
G

NOTE : ○ : For TDA-7572R Model Only,
● : For TDA-7570R Model Only,
Others : Common.

Cabinet Assembly Parts List

NOTE:Parts without part number are not supplied.

Symbol No.	Index	Part No.	Description
○ 1	3-B	01V26800Y13	Assy., Nose Unit
● 1	3-B	01V26800Y23	Assy., Nose Unit
5	2-C	13C21370Y03	Assy., Nose Base (CM)
6		03S44205G07	Screw, Pan (M2.6X5)
7	3-B	33C10618Y01	Face, Plate
9	2-D	03S38013W05	Screw, Pan (M2.6X16)
10	4-D	07D91595W01	Assy., Bracket Side
11	5-F	07D91595W02	Assy., Bracket Side (R)
12	2-C	13D21372Y01	Cover, Nose Base
13	2-D	03S68555F20	Screw, Pan (M1.7X5)
14	2-C	45A20240Y01	Lever, Switch TAPE
15		03S71677F02	Screw, Pan (M2.6X6)
16	5-D	03S94385F77	Screw, Nylok Pan (M1.7X3)
18	2-F	26B30289Y01	Assy., Shield Case
19	2-G	03S71677F61	Screw, Pan (M1.7X6)
20	3-F	30T25456Y06	FFC, SMCD-21X200-BDX6 (BL)
21	2-G	14S81482F81	Insulator, Cover
22	2-G	07A21991Y01	Bracket, Deck (CM)
23	2-G	03S44205G07	Screw, Pan (M2.6X5)
25	3-F	77C10163Y01	FM/MW/LW Tuner Unit, MB4R603S (FE001)
26	2-E	07B21382Y01	Bracket, IC
○ 27	2-F	36A80303W01	Knob, Slide
● 27	2-F	36A70327W01	Knob, Slide
28	3-E	09T84840F02	Lug, Style
29		75T85248W11	Rubber, Electric
○ 30	4-B	13D21862Y04	Assy., Nosepiece
● 30	4-B	13D21862Y05	Assy., Nosepiece
31	3-D	13D21369Y01	Nose, Bottom
32		03S68555F20	Screw, Pan (M1.7X5)
33	3-D	41A50111W10	Spring, Knob
34	3-D	26A30291Y01	Shield, Plate
36	3-C	07A11037Y01	Bracket, Remote
37	3-B	15B21386Y01	Cover, LCD
38	4-C	15C21387Y01	Case, LCD
39	4-C	26A21388Y01	Reflector, Sheet (A)
40	4-C	26A21388Y02	Reflector, Sheet (B)
100	5-E	01C21375Y01	Assy., Bracket F Base
101	4-E	07B21380Y01	Bracket, Slider
102	4-D	07B20734Y01	Bracket, Base L
103	5-E	07B20734Y02	Bracket, Base R
104	4-E	07A21381Y01	Bracket, Arm (L)
105	5-F	07A21381Y02	Bracket, Arm (R)
106		04B41345P54	Washer, Polyslider (M1.7)
107	5-E	03A20851Y02	Screw, Slider
108		49A22103Y01	Roller, Slider Front
109	5-C	44A20248Y02	Gear, Slider
110	4-E	44T25192Y01	Assy., Gear Clutch
111	5-D	07C20740Y01	Bracket, Motor
112	4-C	44A90467W02	Gear, Worm
113	5-C	03S68259F23	Screw, Pan (M2X3)
114		03S94385F13	Screw, Nylok Pan (M2.6X3)
115		41A22014Y01	Spring, Extension
116		03S94385F24	Screw, Nylok Pan (M2X3)
117	5-C	14S11351Y95	Insulator, Cover
118	5-E	75S21219Y48	Cushion, Rubber

NOTE : ○: For TDA-7572R Model Only, ●: For TDA-7570R Model Only, Others : Common.

Disassembly Instructions

1. Removal of Nose Unit

(1) Refer to the Owner's Manual (Part No. 68P21523Y46).

2. Removal of Nose Base

(1) After removal of Top Cover and Side Bracket, ... Hooks (A) (2-B, 3-C)
Face Plate, remove 6 Hooks (A).
Remove Nose Base Cover.

(2) Disconnect connector connected to DOOR P.W. Board.

(3) Pull out Nose Base upper.
Remove Nose Base and DOOR P.W.Board attached.

3. Removal of Cassette Deck Mechanism

(1) After removal of Top Cover, remove 4 screws No.6. .... Screws No. 6 (※1) (1-E, 1-F, 2-G)

(2) Disconnect FFC 21P No. 20 connected to .... FFC 21P No. 20 (3-F)
Main P.W. Board.
Remove Cassette Deck Mechanism and
Shield Case, Deck Bracket attached.

4. Removal of Main P.W. Board

(1) After removal of Nose Base and Cassette Deck Mechanism, ... Screw No. 6 (※2) (4-G)
remove 2 screws No. 6 and15. Screw No. 15 (※2) (4-E)

(2) Desolder (A) at 4 locations and release Hooks (B) at 9 locations. .... Solder (A) (4-F, 5-E, 5-F)
Hooks (B) (4-F, 5-E, 5-F)

(3) Disconnect all connector connected to Main P.W. Board.
Remove Main P.W. Board and Heat Sink attached.

5. Removal of Front P.W. Board

(1) After removal of Nose Unit, remove 3 screws No. 32 and .... Screws No. 32 (※3) (3-D, 4-E)
5 Hooks (C). Hooks (C) (4-B)
Remove Nose Bottom.

(2) Remove 3 Hooks (D). .... Hooks (D) (3-D, 4-D)

6. Removal of DOOR P.W. Board

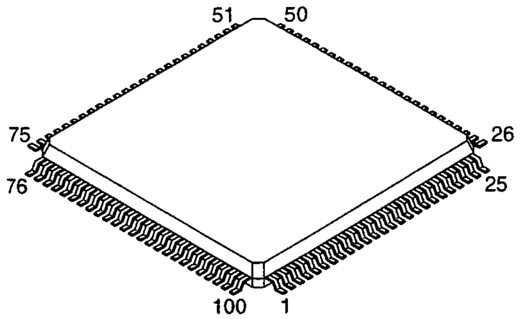
(1) After removal of Nose Base, remove 1 screw No. 13. .... Screw No. 13 (※4) (2-D)

NOTE : For the screws No., Hook and Solder, refer to the Exploded View (Cabinet) .

Semi-Conductor Lead Identifications

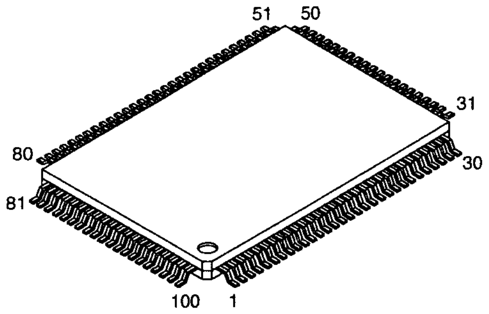
NOTE : For the parts not mentioned, refer to the Schematic Diagram.

D78F4218GC : IC501



PIN NO.	CODE ADDRESS	I/O	PIN NO.	CODE ADDRESS	I/O	PIN NO.	CODE ADDRESS	I/O	PIN NO.	CODE ADDRESS	I/O
1	MS DET	I	27	GND	—	53	NC	—	76	NC	—
2	NR-SW	O	28	AUDIO LEVEL	I	54	IN-INT	I	77	NC	—
3	O. FAST	O	29	GND	—	55	LIMIT SW2	I	78	NC	—
4	NR-MODE	O	30	GND	—	56	LIMIT SW1	I	79	NC	—
5	R-IN	O	31	GND	—	57	DOOR SW	I	80	NC	—
6	F-IN		32	AREA	I	58	MOTOR REV	O	81	V_{DD}	—
7	PACK-IN	I	33	AV_{SS}	—	59	MOTOR FOR	O	82	PWR IC-ON	O
8	NC	—	34	NC	—	60	DOOR LED	O	83	NOSE-PWR	O
9	V_{DD}	—	35	DTS CE	O	61	NC	—	84	CFL ON	O
10	X2	—	36	$AV_{REF}1$	—	62	NC	—	85	PWR-CONT	O
11	X1	—	37	DTS STS	I	63	NC	—	86	NC (PULL UP)	—
12	V_{SS}	—	38	DTS CMD	O	64	EV-DATA	O	87	DIMMER-CONT	O
13	NC	—	39	DTS CLK	O	65	EV-CLK	O	88	BUZZER	O
14	V_{SS}	—	40	METAL	I	66	○ BBE-1	O	89	FOR-RUN-DET	I
15	RESET	I	41	GND	—		● NC	—	90	NC	—
16	BAT-DET	I	42	F/ R	O	67	○ BBE-2	O	91	REMOCON	I
17	ACC-DET	I	43	DTS MUTE	I		● NC	—	92	NC	—
18	O. MOTOR	O	44	LCD-RST	O	68	○ BBE-3	O	93	NC	—
19	BUS-IN	I	45	LCD-DO	I		● NC	—	94	V_{PP}	—
20	BUS-OUT	O	46	LCD-DI	O	69	NFP-1	—	95	NC	—
21	REV-RUN-DET	I	47	LCD-CLK	O	70	NFP-2	O	96	NC	—
22	MODE-SW	I	48	LCD-CE	O	71	MUTE	O	97	NC	—
23	AV_{DD}	—	49	NC	—	72	V_{SS}	—	98	NC	—
24	$AV_{REF}0$	—	50	NC	—	73	MOTOR-CONT	O	99	NC	—
25	GND	—	51	IN DIMMER	I	74	NC	—	100	PAU-SW	I
26	NOSE-ON	I	52	NC	—	75	NC	—			

MB89689PF : IC502



PIN NO.	CODE ADDRESS	I/O	PIN NO.	CODE ADDRESS	I/O	PIN NO.	CODE ADDRESS	I/O	PIN NO.	CODE ADDRESS	I/O
1	V_{CC}	—	26	NC	—	51	NC	—	76	SEEK Req.	O
2	NC	—	27	NC	—	52	NC	—	77	RDS RESET	O
3	X0A	—	28	NC	—	53	TUNER CLK	I	78	SD	I
4	MOD0	—	29	NC	—	54	TUNER SI	I	79	$\overline{PSWN}$	I
5	MOD1	—	30	NC	—	55	TUNER SO	O	80	Auto Adj.	I
6	X0	O	31	NC	—	56	RDS SDA	I/O	81	NC	—
7	X1	I	32	NC	—	57	RDS CLK	O	82	LO / $\overline{DX}$	O
8	V_{SS}	—	33	NC	—	58	GND	—	83	NC	—
9	$\overline{RESET}$	I	34	$\overline{A\text{-}MUTE}$	O	59	V_{SS}	—	84	AV_{SS}	—
10	NC	—	35	GND	—	60	GND	—	85	S / M	I
11	NC	—	36	GND	—	61	GND	—	86	M / P	I
12	NC	—	37	GND	—	62	GND	—	87	GND	—
13	NC	—	38	GND	—	63	E^2P SDA	I/O	88	GND	—
14	NC	—	39	NC	—	64	E^2P CLK	O	89	GND	—
15	NC	—	40	NC	—	65	NC	—	90	GND	—
16	NC	—	41	NC	—	66	NC	—	91	GND	—
17	NC	—	42	NC	—	67	$\overline{SEEK\ Req.}$	O	92	GND	—
18	NC	—	43	NC	—	68	GND	—	93	AV_{CC}	—
19	NC	—	44	NC	—	69	$\overline{AF\ HOLD}$	O	94	AVR	—
20	NC	—	45	R_XD	I	70	NC	—	95	NC	—
21	NC	—	46	T_XD	O	71	IF MUTE	O	96	NC	—
22	NC	—	47	NC	—	72	FM / $\overline{AM}$	O	97	TUNER STBY	I
23	$\overline{AM\ ST}$	—	48	NC	—	73	PLL CLK	O	98	NC	—
24	NC	—	49	NC	—	74	PLL DATA	I/O	99	DAVN	I
25	NC	—	50	V_{CC}	—	75	PLL CE	O	100	NC	—

NOTE : ○ : For TDA-7572R Model Only, ● : For TDA-7570R Model Only, Others : Common.

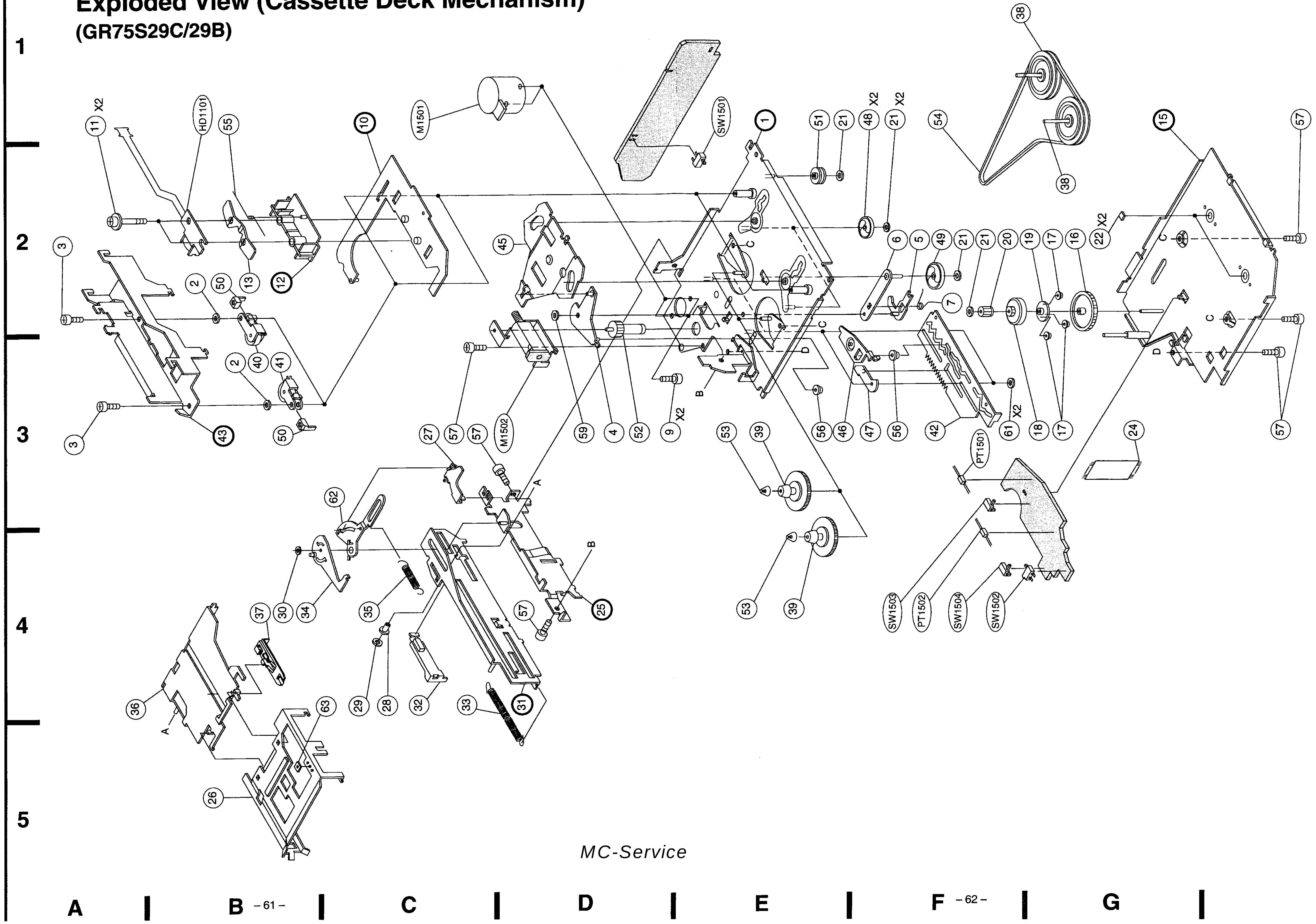
Cassette Deck Mechanism Parts List

NOTE:Parts without part number are not supplied.

Symbol No.	Index	Part No.	Description
2		04B41345P32	Washer, Lock (M3.1)
3		03S94385F80	Screw, Pan Nylok (M1.7X4)
4	3-D	01A90342W03	Assy., Riv. Select Swing
5	2-F	01A90340W02	Assy., Riv. RF Lever A
6	2-F	01A90341W01	Assy., Riv. RF Lever B
7	2-F	41A71781W01	Spring, RF
9	3-D	03C42723U12	Screw, Cup (M2X2.5)
11	1-A	03A80452W02	Screw, F Locks (M2X10.7)
13	2-B	41A31756W01	Spring, Head
16	2-G	44A71747W01	Gear, Sun
17		44A71748W01	Gear, Planet
18	3-G	44A71749W01	Gear, Inner
19	2-G	44A71751W01	Pinion, Eject Base
20	2-F	44A71752W01	Pinion, Eject
21		04B41345P11	Washer, Lock (M1.2)
22	2-G	43A11228Y01	Spacer, NO443
24	3-G	30T65174W07	Wire, Flat 10P
26	5-B	07B40012W01	Holder, Cassette (D)
27	3-C	45A71736W02	Lever, Pack In Switch
28	4-C	43A71775W01	Roller, Plate Base
29	4-C	04B41345P01	Washer, Lock (M1.2)
30	4-B	04B41345P15	Washer, Lock (M1.2)
32	4-C	44A71753W01	Rack, GR-S
33	4-C	41A80634W01	Spring, Rack GR-S
34	4-B	01A90346W03	Assy., Riv. Eject Arm (R)
35	4-C	41B63283F11	Spring
36	4-A	01A40024W03	Assy., Riv. Plate Base
37	4-B	45B71750W01	Slider
38		01B90350W01	Assy., Flywheel
39		01B71784W01	Reel, GR-S
40	3-B	01B30863W01	Assy., Pinch Roller
41	3-B	01B30863W02	Assy., Pinch Roller
42	3-F	44C90318W01	Rack, Mode B
45	2-C	45B90320W03	Lever, Select
46	3-E	45A71737W01	Lever, Mode Switch
47	3-F	45A71733W01	Lever, Lock
48	1-F	44A71741W01	Gear, Take Up
49	2-F	44A71742W01	Gear, RF
50		43A71743W01	Guide, Pack
51	1-E	49A71744W01	Pulley, Idler
52	3-D	44A71746W01	Pinion, Motor
53		49A81855W01	Reel, Cap
54	1-F	42A71780W02	Belt, GR-S
55	1-B	41A10387W02	Spring, Pinch Roller
56		43A71774W01	Roller, Mode
57		03S44205G30	Screw, Pan (M2.6X4)
59	3-D	04B41345P02	Washer, Lock (M1.7)
61	3-F	04B41345P23	Washer, Lock (M1.7)
62	3-C	45A90322W01	Lever, Eject Arm A
63	4-B	43A80018W01	Spacer, Polyslider

Exploded View (Cassette Deck Mechanism)

(GR75S29C/29B)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